

Product Datasheet

Recombinant Human Tumor necrosis factor ligand superfamily member 13B (TNFSF13B), partial, Biotinylated (Active) (orb1095885)

Catalog Number	orb1095885
Category	Proteins
Description	This Recombinant Human Tumor necrosis factor ligand superfamily member 13B (TNFSF13B), partial, Biotinylated (Active) spans the amino acid sequence from region 134-285aa. Purity: Greater than 92% as determined by SDS-PAGE.
Tag	N-terminal hFc-Avi-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Purity	Greater than 92% as determined by SDS-PAGE.
Protein Sequence	AVQGPEETVTQDCLQLIADSETPTIQKGSYTFVPWLLSFKRGSAL EEKENKILVKETGYFFIYG QVLYTDKTYAMGHLIQRKKVHVFGDEL SLVTLFRCIQNMPETLPNNSCYSAGIAKLEEGDEL QLAIPRENAQISLDGDVTFFGALKLL
Protein Length	Partial
UniProt ID	Q9Y275
MW	46.2 kDa
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

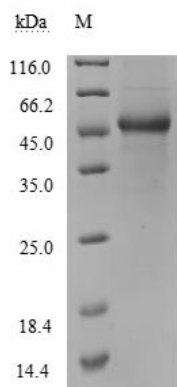
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Endotoxins	Less than 1.0 EU/ μ g as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	① Measured by its binding ability in a functional ELISA. Immobilized human BCMA at 5 μ g/ml can bind Biotinylated human TNFSF13B, the EC50 is 0.1752-0.3657 ng/ml. ② Measured by its binding ability in a functional ELISA. Immobilized human TNFRSF13C at 2 μ g/ml can bind Biotinylated human TNFSF13B, the EC50 is 0.2699-0.5613 ng/ml.
Expression Region	134-285aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Biorbyt Ltd.

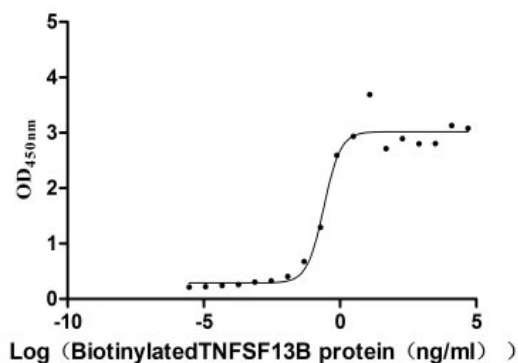
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

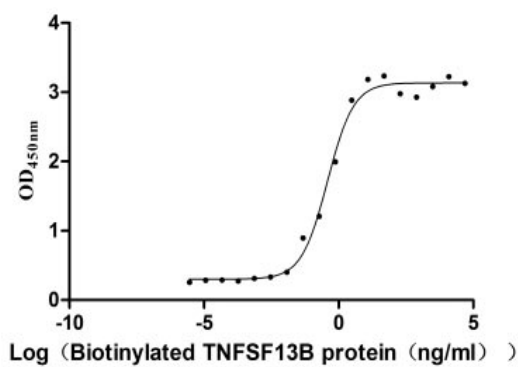
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

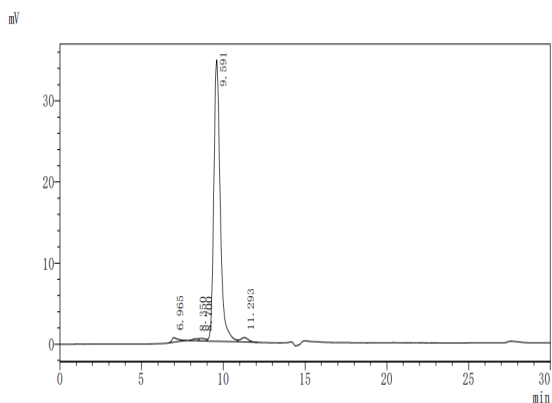
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)



Measured by its binding ability in a functional ELISA. Immobilized human BCMA at 5 µg/ml can bind Biotinylated human TNFSF13B, the EC50 is 0.1752-0.3657 ng/ml.



Measured by its binding ability in a functional ELISA. Immobilized human TNFRSF13C at 2 µg/ml can bind Biotinylated human TNFSF13B, the EC50 is 0.2699-0.5613 ng/ml.



The purity of TNFSF13B was greater than 90% as determined by SEC-HPLC.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558