

Product Datasheet

Recombinant Human Interleukin-1 receptor accessory protein (IL1RAP), partial (Active) (orb2280213)

Catalog Number	orb2280213
Category	Proteins
Description	This Recombinant Human Interleukin-1 receptor accessory protein (IL1RAP), partial (Active) spans the amino acid sequence from region 21-359aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	C-terminal 10xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized powder
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	SERCDDWGLDTMRQIQVFEDEPARIKCPLFEHFLKFNYSTAHSAGLTLIWYWTRQDRDLEE PINFRLPENRISKEKDVLWFRPTLLNDTGNYTCMLRNTTYCSKVAFPLEVVQKDSCFNSPMK LPVHKLYIEYGIQRITCPNVDGYFPSSVKPTITWYMGCYKIQNFNNVIPEGMNLISFLIALISNN GNYTCVVITYPENGRTFHLTRTLTVKVVGSPKNAVPPVIHSPNDHVVEKEPGEELLIPCTVYF SFLMDSRNEVWWTIDGKKPDDITIDVTINESISHSRTEDETRTQILSIKKVTSEDLKRSYVCH ARSAKGEVAKAAKVQKVPAPRYTVE
Protein Length	Partial
UniProt ID	Q9NPH3
MW	40.5 kDa

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
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)

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.

Endotoxins

Less than 1.0 EU/ug as determined by LAL method.

Source

Mammalian cell

Biological Origin

Homo sapiens (Human)

Biological Activity

Measured by its binding ability in a functional ELISA. Immobilized Human IL1RAP at 2 µg/mL can bind Anti-IL1RAP recombinant antibody. The EC50 is 0.9667-1.477 ng/mL.

Expression Region

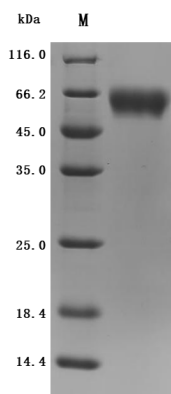
21-359aa

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



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

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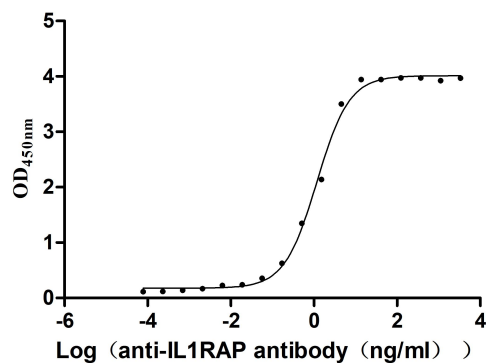
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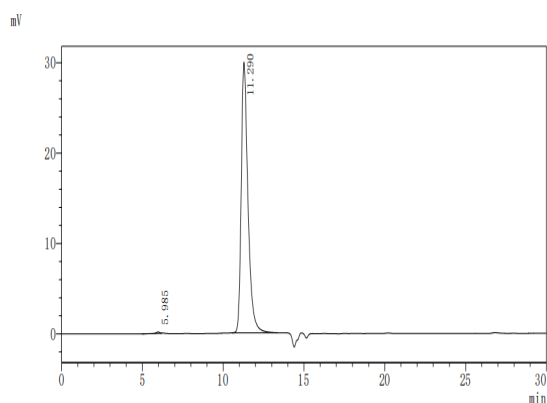
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The purity of IL1RAP was greater than 95% as determined by SEC-HPLC

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