

Product Datasheet

E. coli ycbX protein (orb705319)

Catalog Number	orb705319
Category	Proteins
Description	This E. coli ycbX protein spans the amino acid sequence from region 1-369aa. Purity: Greater than 85% as determined by SDS-PAGE.
Tag	N-terminal GST-tagged
Form/Appearance	Liquid or Lyophilized powder
Buffer/Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Purity	Greater than 85% as determined by SDS-PAGE.
Protein Sequence	MATLIRLFIHVPVKSMRGIGLTHALADVSGLAFLDRIFMITEPDGTFITARQFPQMVRFTPSPVH DGLHLTAPDGSSAYVRFADFATQDAPTEVWGTHFTARIAPDAINKWLSGFFSREVQLRWV GPQMTRRVKRHNTVPLSFADGYPYLLANEASLRDLQQRCPASVKMEQFRPNLTVSGASAW EEDRWKVIRIGDVVFDVVKPCSRCIFTTVSPEKGQKHPAGEPLKTLQSFRTAQDNGDVDFG QNLIARNSGVIRVGDEVEILATAPAKIYGAAAADDTANITQQPDANVDIDWQQQAFRGNNQ QVLLEQLENQGIRIPYSCRAGICGSCRVQLLEGEVTPLKKSAMGDDGTILCCSCVPKTALKLA R
Protein Length	Full Length
UniProt ID	P75863
MW	67.6 kDa

Biorbyt Ltd.

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

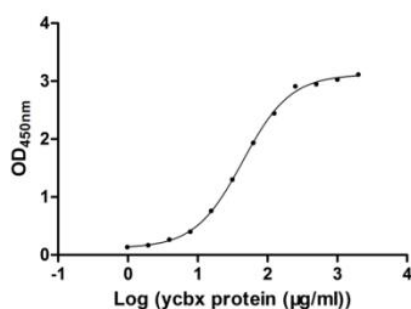
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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.
Source	E.coli
Biological Origin	Escherichia coli (strain K12)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized IdcC at 2 µg/ml can bind human ycbX, the EC50 of human ycbX protein is 40.54-47.97 µg/ml.
Expression Region	1-369aa
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.



The Binding Activity of IdcC with ycbX

Biorbyt Ltd.

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

Email: info@biorbyt.com, support@biorbyt.com

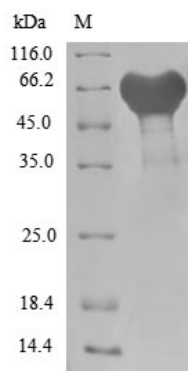
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

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

Email: info@biorbyt.com, support@biorbyt.com

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



(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
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)