

Datasheet for ABIN7545201
XYLB Protein (AA 1-536) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	XYLB
Protein Characteristics:	AA 1-536
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XYLB protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat XYLB Protein expressed in mammalian cells.
Sequence:	<p>MAEHAPRRCC LGWDFSTQQV KVVAVDAELN VFYEESVHFD RDLPEFGTQG GVHVHKDGLT VTSPVLMWVQ ALDIILEKMK ASGFDFSQVL ALSGAGQQHG SIYWKAGAAQ ALTSLSPDLR LHQQQLQDCFS ISDCPVWMDS STTAQCRQLE AAVGGAQALS CLTGSRAYER FTGNQIAKIY QQNPEAYSHT ERISLVSSFA ASLFLGSYSP IDYSDGSGMN LLQIQDKVWS QACLGACAPH LEEKLSPPVP SCSVGAISS YYVQRYGFPP GCKVVAFTGD NPASLAGMRL EEGDIAVSLG TSDTLFLWLQ EPMPALEGHI FCNPVDSQHY MALLCFKNGS LMREKIRNES VSRWSWDFSK ALQSTEMGNG GNLGFYFDVM EITPEIIGRH RFNTENHKVA AFGDVEVRA LIEGQFMAKR IHAEGLYRV MSKTKILATG GASHNREILQ VLADVFDAPV YVIDTANSAC VGSAYRAFHG LAGGTDVPFS EVVKLAPNPR LAATPSPGAS QVYEALLPQY AKLEQRILSQ TRGPPE</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you</p>

Product Details

have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

XYLB

Alternative Name:

XYLB ([XYLB Products](#))

Background:

Xylulose kinase (Xylulokinase) (EC 2.7.1.17),FUNCTION: Phosphorylates D-xylulose to produce D-xylulose 5-phosphate, a molecule that may play an important role in the regulation of glucose metabolism and lipogenesis. {ECO:0000269|PubMed:23179721}.

Molecular Weight:

58.4 kDa

UniProt:

[075191](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months