

Datasheet for ABIN7546484

## STXBP3 Protein (AA 1-592) (His tag)



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### Overview

Quantity:	1 mg
Target:	STXBP3
Protein Characteristics:	AA 1-592
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STXBP3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat STXBP3 Protein expressed in mammalian cells.
Sequence:	<p>MAPPVAERGL KSVVWQKIKI TVFDDCKKEG EWKIMLLDEF TTKLLASCCK MTDLLEEGIT</p> <p>VVENIYKNRE PVRQMKALYF ITPTSKSVDC FLHDFASKSE NKYKAAIYF TDFCPDNLFN</p> <p>KIKASCSKSI RRCKEINISF IPHESQVYTL DVPDAFYICY SPDPGNAKGK DAIMETMADQ</p> <p>IVTVCATLDE NPGVRYKSKP LDNASKLAQL VEKKLEDYYK IDEKSLIKGK THSQLLIIDR</p> <p>GFDPVSTVLH ELTFQAMAYD LLPIENDTYK YKTDGKEKEA ILEEDDLWV RIRHRHIAVV</p> <p>LEEIPKLMKE ISSTKKATEG KTSLSALTQL MKKMPHFRKQ ITKQVVHLNL AEDCMNKFKL</p> <p>NIEKLCKTEQ DLALGTDAEG QKVKDSMRVL LPVLLNKNHD NCDKIRAILL YIFSINGTTE</p> <p>ENLDRLIQNV KIENESDMIR NWSYLGPIV PQSQQGKPLR KDRSAEETFQ LSRWTFPIKD</p> <p>IMEDAIDNRL DSKWPYCSQ CPAVWNGSGA VSARQKPRAN YLEDRKNGSK LIVFVIGGIT</p> <p>YSEVRCAYEV SQAHKSCVEI IGSTHVLTPK KLLDDIKMLN KPKDKVSLIK DE <b>Sequence without tag.</b></p> <p><b>The proposed Purification-Tag is based on experiences with the expression system, a</b></p>

**different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	STXBP3
Alternative Name:	STXBP3 ( <a href="#">STXBP3 Products</a> )
Background:	Syntaxin-binding protein 3 (Platelet Sec1 protein) (PSP) (Protein unc-18 homolog 3) (Unc18-3) (Protein unc-18 homolog C) (Unc-18C),FUNCTION: Together with STX4 and VAMP2, may play a role in insulin-dependent movement of GLUT4 and in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes. {ECO:0000250}.
Molecular Weight:	67.8 kDa
UniProt:	<a href="#">O00186</a>
Pathways:	<a href="#">Hormone Transport</a>

## 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.
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Restrictions:	For Research Use only
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## 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