

Datasheet for ABIN7590308

STXBP2 Protein (AA 1-594) (His tag)



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Overview

Quantity:	100 µg
Target:	STXBP2
Protein Characteristics:	AA 1-594
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STXBP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAPLGLKAVV VEKILSGVIR SVKKDGEWKV LIMDHPSMRI LSSCCKMSDI LAEGITIVED</p> <p>INKRREPIPS LEAIYLLSPT EKSQVQALIAD FQGTPTFTYK AAHIFFTDTC PEPLFSELGR</p> <p>SRLAKVVKTL KEIHLAFLPY EAQVFSLDAP HSTYNLYCPF RAGERGRQLD VLAQQIATLC</p> <p>ATLQEYPSIR YRKGPEDTAQ LAHAVLAKLN AFKADTPSLG EGPEKTRSQL LIMDRAADPV</p> <p>SPLLHELTFQ AMAYDLLHIE QDTYRYETTQ LSESREKAVL LDEDDDLWVE LRHMHIADVS</p> <p>KKVTELLKTF CESKRLTDDK ANIKDLSHIL KKMPQYQKEL NKYSTHLHLA DDCMKHFKGS</p> <p>VEKLCGVEQD LAMGSDAEGE KIKDTMKLIV PVLLDASVPP YDKIRVLLLY ILLRNGVSEE</p> <p>NLAKLIQHAN VQSYSNLIRN LEQLGGTVTN SAGSGTSSRL ERRERMEPTY QLSRWSPVIK</p> <p>DVMEDVVEDR LDRKLWPFVS DPAPVSSSQ AAVSSARFGHW HKNKAGIEAR AGPRLIVYIV</p> <p>GGVAMSEMRA AYEVRATEG KWEVLIGSSH ILTPTRFLDD LRTLDQKLED IALP</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: STXBP2

Alternative Name: Syntaxin-binding protein 2 (Stxbp2) ([STXBP2 Products](#))

Background: Recommended name: Syntaxin-binding protein 2.
Alternative name(s): Protein unc-18 homolog 2.
Short name= Munc18-2.
Short name= Unc18-2 Protein unc-18 homolog B.
Short name= Unc-18B

UniProt: [Q62753](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#),
[Synaptic Vesicle Exocytosis](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.