Datasheet for ABIN5854851

Tetraspanin 7 Protein (TSPAN7) (AA 113-213) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	Tetraspanin 7 (TSPAN7)
Protein Characteristics:	AA 113-213
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tetraspanin 7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPRHEIKDT FLRTYTDAMQ TYNGNDERSR AVDHVQRSLS CCGVQNYTNW STSPYFLEHG IPPSCCMNET DCNPQDLHNL TVAATKVNQK GCYDLVTSFM ETNMHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	Tetraspanin 7 (TSPAN7)
Alternative Name:	TSPAN7 (TSPAN7 Products)
Background:	TSPAN7, as known as tetraspanin-7, is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. Also, it is

Target Details

	associated with X-linked mental retardation and neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy. More recently, it has been identified as a key immune system target in type 1 diabetes. Recombinant human TSPAN7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	12.6kDa (110aa) 13.5-18kDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_004606
UniProt:	P41732

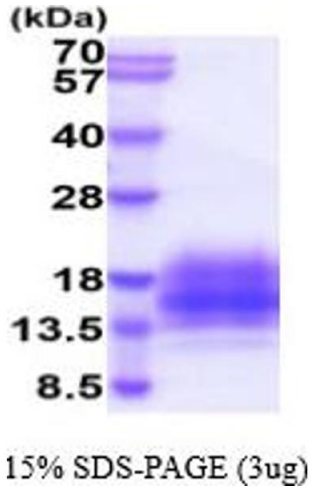
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.