

Datasheet for ABIN5855023

TPSAB1 Protein (AA 31-275) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	TPSAB1
Protein Characteristics:	AA 31-275
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPSAB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	IVGGQEAPRS KWPWQVSLRV HGPYWMHFCG GSLIHPQWVL TAAHCVGPDV KDLAALRVQL REQHLYYQDQ LLPVSRIIVH PQFYTAQIGA DIALLELEEP VNVSSHVHTV TLPPASETFP PGMPCWVTGW GDVDNDRLP PPFPLKQVKV PIMENHICDA KYHLGAYTGD DVRIVRDDML CAGNTRRDSC QGDSGGPLVC KVNGTWLQAG VVSWGEGCAQ PNRPGIYTRV TYYLDWIHHY VPKKPHHHHH H
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)

Target Details

Target:	TPSAB1
Alternative Name:	TPSAB1 (TPSAB1 Products)

Target Details

Background: TPSAB1, also known as tryptase alpha/beta-1, is a serine protease with trypsin-like specificity. It is the key neutral protease present in mast cells and is discharged upon the coupled activation-degranulation response of this cell type. This protein is enzymatically active only as a heparin-stabilized tetramer, and is resistant to all known endogenous proteinase inhibitors. Also, it is implicated as a mediator in the pathogenesis of asthma and other allergic and inflammatory disorders. Recombinant human TPSAB1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 28.2kDa (251aa) 28-40kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_003285](#)

UniProt: [P20231](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

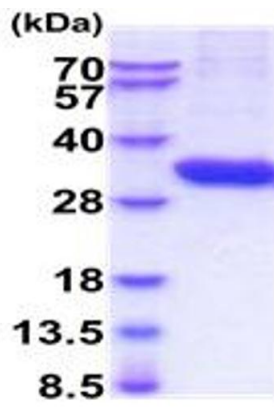
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20 % 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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.