

Datasheet for ABIN7275682

**TPSAB1 Protein (AA 38-282) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	TPSAB1
Protein Characteristics:	AA 38-282
Origin:	Cynomolgus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPSAB1 protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus TPSAB1 protein
Sequence:	Ile38-Pro282
Characteristics:	Recombinant Cynomolgus TPSAB1 protein is expressed from <i>E.coli</i> with His tag at the N-Terminus. It contains Ile38-Pro282.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	TPSAB1
Alternative Name:	TPSAB1 ( <a href="#">TPSAB1 Products</a> )

Target Details

Background:	TPSAB1, namely tryptase alpha/beta-1, is a serine protease with trypsin-like activity. TPSAB1 is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. It may play a role in innate immunity. Diseases associated with TPSAB1 include mastocytosis and systemic mastocytosis.
Molecular Weight:	28.57kDa. The protein migrates to 30-33kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005590891</a>

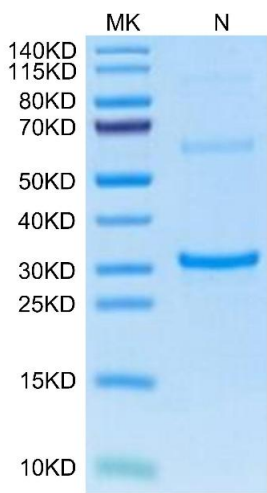
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM Tris, 250 mM NaCl, 2 mM CaCl <sub>2</sub> , 10 % Glycerol ( pH 8.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

**Image 1.** Cynomolgus TPSAB1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .