Cynomolgus TPSAB1 protein

Cat. No. TAB-CE1B1

Description

Source	Recombinant Cynomolgus TPSAB1 protein is expressed from E.coli with His tag at the N-Terminus.
	It contains Ile38-Pro282.
Accession	XP_005590891.2
Molecular Weight	The protein has a predicted MW of 28.57kDa. The protein migrates to 30-33kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

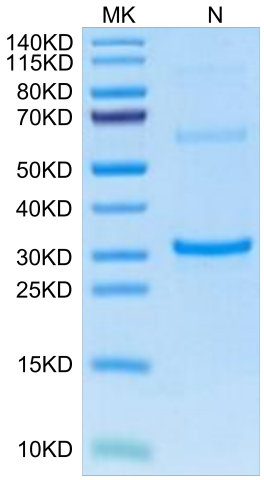
Formulation	Supplied as 0.22μm filtered solution in 20mM Tris, 250mM NaCl, 2mM $CaCl_2$, 10% Glycerol (pH 8.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

TPSAB1, namely tryptase alpha/beta-1, is a serine protease with trypsinlike 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.

Assay Data

Tris-Bis PAGE



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

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