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Datasheet for ABIN7504514

Prosaposin Protein (PSAP) (AA 17-557) (His tag)

Overview

Quantity:	100 µg
Target:	Prosaposin (PSAP)
Protein Characteristics:	AA 17-557
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prosaposin protein is labelled with His tag.

Product Details

Purpose:	Mouse PSAP/Prosaposin Protein
Sequence:	Ser17-Asn557
Characteristics:	Recombinant Mouse PSAP/Prosaposin Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ser17-Asn557.
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:	Prosaposin (PSAP)
Alternative Name:	PSAP (PSAP Products)

Target Details

Background:	Prosaposin (also known as SGP-1) is an intriguing multifunctional protein that plays roles both intracellularly, as a regulator of lysosomal enzyme function, and extracellularly, as a secreted factor with neuroprotective and glioprotective effects.
Molecular Weight:	60.86 kDa. Due to glycosylation, the protein migrates to 65-80 kDa based on Tris-Bis PAGE result.
UniProt:	Q61207
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months