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Datasheet for ABIN7504534
SMR3B Protein (AA 23-79) (mFc Tag)

Overview

Quantity:	100 µg
Target:	SMR3B
Protein Characteristics:	AA 23-79
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMR3B protein is labelled with mFc Tag.

Product Details

Purpose:	Human SMR3B Protein
Sequence:	Gln23-Pro79
Characteristics:	Recombinant Human SMR3B Protein is expressed from HEK293 with mFc (IgG1) tag at the C-terminus. It contains Gln23-Pro79.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	SMR3B
Alternative Name:	SMR3B (SMR3B Products)

Target Details

Background:	SMR3B (P-B, PRL3, PROL3), namely submaxillary gland androgen regulated protein 3B, is a proline-rich protein specifically expressed in salivary glands. The SMR3B is an 8.188 kilodalton protein that belongs to the gene family whose other members are SMR3A and PROL1, which all produce opiorphin homologs. It is predicted to enable endopeptidase inhibitor activity and be involved in cellular response to lipopolysaccharide. SMR3B also regulates pain perception.
Molecular Weight:	31.47 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_006676

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 0.22µm 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