Datasheet for ABIN7504518

Ret Proto-Oncogene Protein (RET) (AA 29-635) (His tag)

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Overview

Quantity:	100 µg
Target:	Ret Proto-Oncogene (RET)
Protein Characteristics:	AA 29-635
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ret Proto-Oncogene protein is labelled with His tag.

Product Details

Purpose:	Human RET Protein
Sequence:	Leu29-Arg635
Characteristics:	Recombinant Human RET Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Leu29-Arg635.
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:	Ret Proto-Oncogene (RET)
Alternative Name:	RET (RET Products)

Target Details

Background:	RET is a proto-oncogene encoding a receptor tyrosine kinase. RET regulates key aspects of cellular proliferation, differentiation and survival. The activation of RET via gene fusions or point mutations is closely related to lung, thyroid and other cancers.
Molecular Weight:	68.87 kDa. Due to glycosylation, the protein migrates to 90-120 kDa based on Tris-Bis PAGE result.
Pathways:	RTK Signaling, Dopaminergic Neurogenesis, Regulation of Cell Size, Tube Formation

Application Details

Restrictions:	For Research Use only

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