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Datasheet for ABIN7454195

NEO1 Protein (AA 34-1105) (Fc Tag)

Overview

Quantity:	100 µg
Target:	NEO1
Protein Characteristics:	AA 34-1105
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEO1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human Neogenin Protein
Sequence:	Ala34-Leu1105
Characteristics:	Recombinant Human Neogenin Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala34-Leu1105.
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.
Biological Activity Comment:	Immobilized Human RGMa, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human Neogenin, hFc Tag with the EC50 of 0.45µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	NEO1
Alternative Name:	Neogenin (NEO1 Products)
Background:	Neogenin is a multifunctional transmembrane receptor belonging to the immunoglobulin superfamily. It displays identical secondary structure to deleted in colorectal cancer (DCC), a netrin receptor that is involved in axon guidance and cell survival.
Molecular Weight:	144.37 kDa. Due to glycosylation, the protein migrates to 150-180 kDa based on Tris-Bis PAGE result.
Pathways:	Transition Metal Ion Homeostasis , Regulation of Muscle Cell Differentiation , Tube Formation

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