

Recombinant Human NEO1 protein, hFc-tagged

Cat. No. NEO1-1362H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEO1 protein(Q92859-1)(Ala34-Leu1105), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	C-hFc
ProteinLength	Ala34-Leu1105
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	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.
Molecular Mass	The protein has a predicted MW of 144.37 kDa. Due to glycosylation, the protein migrates to 150-180 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [NEO1 neogenin 1 \[Homo sapiens \]](#)

Official Symbol [NEO1](#)

Synonyms

NEO1; neogenin 1; neogenin (chicken) homolog 1; neogenin; HsT17534; IGDC2; immunoglobulin superfamily; DCC subclass; member 2; NGN; neogenin homolog 1; immunoglobulin superfamily DCC subclass member 2; DKFZp547A066; DKFZp547B146;

Gene ID [4756](#)

mRNA Refseq [NM_001172623](#)

Protein Refseq [NP_001166094](#)

MIM [601907](#)

UniProt ID [Q92859](#)

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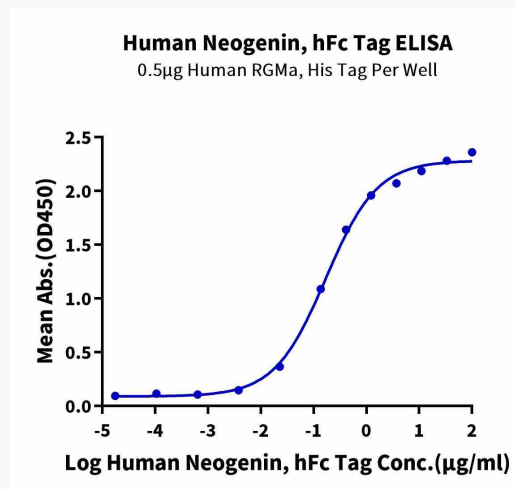
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Tris-Bis PAGE



ELISA



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