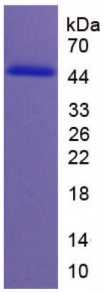
Human Neogenin 1 (NEO1) Protein

Catalogue No.:abx654484



SDS-PAGE analysis of recombinant Human NEO1 Protein.

Neogenin 1 (NEO1) Protein is a Recombinant Human protein expressed in E. coli, containing an N-terminal His tag.

Target:	Neogenin 1 (NEO1)
Research Area:	Infection Immunity
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 90%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q92859 (UniProt, ExPASy)

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KEGG: hsa:4756

String: 9606.ENSP00000341198

Molecular Weight: Calculated MW: 44.8 kDa
Observed MW (SDS-PAGE): 50 kDa
Possible reasons why the actual band size differs from the predicted band size:
1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

Sequence Fragment: Pro52-Ile426

Sequence: PFYFLVEPV DTLSVRGSSV ILNCSAYSEP SPKIEWKKDG TFLNLVSDDR RQLLPDGSLF ISNVVHSKHN KPDEGYYQCV ATVESLGTII SRTAKLIVAG LPRFTSQPEP SSVYAGNNAI LNCEVNADLV PFVRWEQNRQ PLLLDDRVIK LPSGMLVISN ATEGDGGLYR CVVESGGPPK YSDEVELKVL PDPEVISDLV FLKQPSPLVR VIGQDVVLPC VASGLPTPTI KWMKNEEALD TESSERLVLL AGGSLEISDV TEDDAGTYFC IADNGNETIE AQAELTVQAQ PEFLKQPTNI YAHESMDIVF ECEVTGKPTP TVKWVKNGDM VIPSDYFKIV KEHNLQVLGL VKSDEGFYQC IAENDVGNAQ AGAQLI

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 5% Trehalose.

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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