

Recombinant Human NLE1 Protein (2-485 aa), His-SUMO-tagged

Cat. No. NLE1-1152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLE1 Protein (2-485 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Biochemicals. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	2-485 aa
Description	Plays a role in regulating Notch activity. Plays a role in regulating the expression of CDKN1A and several mbers of the Wnt pathway, probably via its effects on Notch activity. Required during bryogenesis for inner mass cell survival.
Form	Tris-based buffer,50% glycerol
Molecular Mass	69.2 kDa
AA Sequence	AAAVPDEAVARDVQRLLVQFQDEGGQLLGSPFDVPVDITPDRLQLVCNALLAQEDP LPLAFFVHDAEIVSSLGKTLESQAVETEKVLDIYQPQAIFRVRAVTRCTSSLEGHSEA VISVAFSPTGKYLASGSGDTTVRFWDLSTETPHFTCKGHRHWVLSISWSPDGRKLA SGCKNGQILLWDPSTGKQVGRTLAGHSKWITGLSWEPLHANPECRYVASSSKDGS VRIWDTTAGRCERILTGHTQSVTCLRWGGDGLLYSASQDRTIKVWRAHDGVLCTRL QGHGHWVNTMALSTDYALRTGAFEPAEASVNPQDLQGSLQELKERALSRYNLVRG

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QGPERLVSGSDDFTLFLWSPAEDKKPLTRMTGHQALINQVLFSPDSRIVASASFDKS
IKLWDGRTGKYLASLRGHVAAVYQIAWSADSRLLVSGSSDSTLKVWDVKAQKLAMD
LPGHADEVYAVDWSPDGQRVASGGKDKCLRIWRR

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [NLE1 notchless homolog 1 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [NLE1](#)

Synonyms Nle;

Gene ID [54475](#)

mRNA Refseq [NM_018096.3](#)

Protein Refseq [NP_060566.2](#)

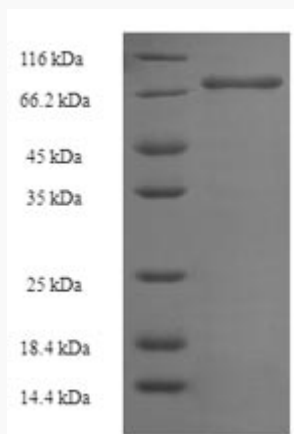
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UniProt ID

Q9NVX2



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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