

Recombinant Full Length Human NUMB Protein, C-Flag-tagged

Cat. No. NUMB-911HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NUMB Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene plays a role in the determination of cell fates during development. The encoded protein, whose degradation is induced in a proteasome-dependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	70.6 kDa
AA Sequence	MNKLRSFRRKKDVYVPEASRP HQWQTDEEGVRTGKCSFPVKYLGHVEVDESRG MHICEDAVKRLKAERK FFKGFFGKTGKKAVKAVLWVSADGLRVVDEKTKDLIVDQTI EKVSFCAPDRNFDRAFSYICRDGTTRRWI CHCFMAVKDTGERLSHAVGCAFAACLE RKQKREKECGVTATFDASRTTFTREGSFRVTTATEQAKREEIM KQMQDAKKAETD KIVVGSSVAPGNTAPSPSSPTSPTSDATTSLEMNNPHAIPRRHAPIEQLARQGSFRG F PALSQKMSPFKRQLSLRINELPSTMQRKTD FPIKNAVPEVEGEAESISSLCSQITNA FSTPEDPFSSAPM TKPVTVVAPQSPTFQANGTDSAFHVLAKPAHTALAPVAMPVRE TNPWAHAPDAANKEIAATCSGTEWGQS SGAASPGLFQAGHRRTPSEADRWLEEV

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SKSVRAQQPQASAAPLQPVLPVPPPTAISQPASPFQGNFLTS QPVPVGVVPALQP
 AFVPAQSYVPVANGMPYPAPNVPVVGITPSQMVANVFGTAGHPQAAHPHQSPSLVR
 QQ TFPHYEASSATTSPFFKPPAQHLNGSAAFNGVDDGRLASADRHTEVPTGTCPV
 DPFEAQWAALENKSKQR
 TNPSPTNPFSSDLQKTFEIELTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Notch signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	NUMB NUMB endocytic adaptor protein [Homo sapiens (human)]
Official Symbol	NUMB
Synonyms	S171; C14orf41; c14_5527
Gene ID	8650

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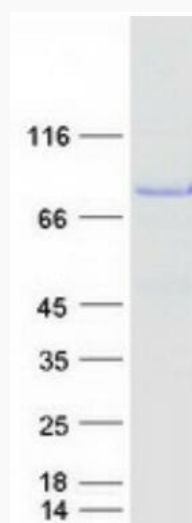
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mRNA Refseq [NM_001005743.2](#)

Protein Refseq [NP_001005743.1](#)

MIM [603728](#)

UniProt ID [P49757](#)



Coomassie blue staining of purified NUMB protein.

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