

Recombinant Human NUMB Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. NUMB-393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUMB MS Standard C13 and N15-labeled recombinant protein (NP_001005744) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Feb 2016]
Molecular Mass	65.7 kDa
AA Sequence	MNKLRSFRRKKDVYVPEASRPHQWQTDEEGVRTGKCSFPVKYLGHVEVDESRG MHICEDAVKRLKAERKFFKGFFGKTGKKAVKAVLWVSADGLRVVDEKTKDLIVDQTI EKVSFCAPDRNFDRAFSYICRDGTTTRRWICHCFMAVKDTGERLSHAVGCAFAACLE RKQKREKECGVTATFDASRTTFTREGSFRVTTATEQAEREEIMKQMQDAKKAETDK IVVGSSVAPGNTAPSPSSPTSPTSDATTSLMNNPHAIPRRHAPIEQRLARQGSFRGF PALSQKMSPFKRQLSLRINELPSTMQRKTDPIKNAVPEVEGEAESISLCSQITNAF STPEDPFSSAPMTKPVTVVAPQSPTFQGTEWGQSSGAASPLGFQAGHRRTPSEAD RWLEEVSKSVRAQQPQASAAPLQPVLPPTAISQPASPFQGNFLTSQPVPVGV

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VPALQPAFVPAQSYPVANGMPYPAPNVPVVGITPSQMVANVFGTAGHPQAAHPHQ
 SPSLVRQQTFPHYEASSATTSPFFKPPAQHLNGSAAFNGVDDGRLASADRHTEVPT
 GTCPVDPFEAQWAALENKSKQRTNPSPTNPFSSDLQKTFEIELTRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NUMB numb homolog (Drosophila) [Homo sapiens (human)]

Official Symbol NUMB

Synonyms NUMB; numb homolog (Drosophila); C14orf41, chromosome 14 open reading frame 41, numb (Drosophila) homolog; protein numb homolog; h-Numb; S171; C14orf41; c14_5527; FLJ31314;

Gene ID 8650

mRNA Refseq NM_001005744

Protein Refseq NP_001005744

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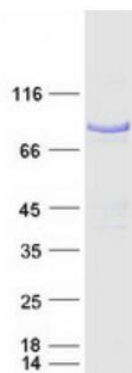
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MIM 603728

UniProt ID P49757

SDS-PAGE



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