

Recombinant Full Length Human NSFL1C Protein, C-Flag-tagged

Cat. No. NSFL1C-2015HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NSFL1C Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	N-ethylmaleimide-sensitive factor (NSF) and valosin-containing protein (p97) are two ATPases known to be involved in transport vesicle/target membrane fusion and fusions between membrane compartments. A trimer of the protein encoded by this gene binds a hexamer of cytosolic p97 and is required for p97-mediated regrowth of Golgi cisternae from mitotic Golgi fragments. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.4 kDa
AA Sequence	MAAERQEALREFVAVTGAEEDRARFFLESAGWDLQIALASFYEDGGDEDIVTISQAT PSSVSRGTAPSDN RVTSFRDLIHDQDEDEEEEEEGQRFYAGGSERSGQQIVGPPRK KSPNELVDDLFGKAKEHGAVAVERTKS PGETSKPRPFAGGGYRLGAAPEEESAY VAGEKRQHSSQDVHVVLKLWKSGLDNGELRSYQDPSNAQFL ESIRRGVPAEL RRLAHGGQVNLDMEDHRDEDFVKPKGAFKAFTGEGQKLGSTAPQVLSTSSPAQQA ENE AKASSILIDSEPTTNIQIRLADGGRLVQKFNHSHRISDIRLFIVDARPAMAATS

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	FILMTTFPNKELAD ESQTLKEANLLNAVIVQRLT TRTRPLEQKLISEEDLAANDILDYK DDDDKV
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.
Full Length	Full L.

GENE INFORMATION

Gene Name	NSFL1C NSFL1 cofactor [Homo sapiens (human)]
Official Symbol	NSFL1C
Synonyms	P47; UBX1; UBXD10; UBXN2C; dJ776F14.1
Gene ID	55968
mRNA Refseq	NM_016143.5
Protein Refseq	NP_057227.2

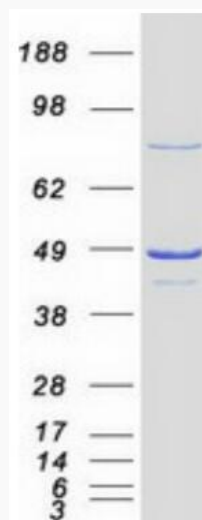
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MIM 606610

UniProt ID Q9UNZ2



Coomassie blue staining of purified NSFL1C protein.

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