

Recombinant Human NSFL1C protein, His-tagged

Cat. No. NSFL1C-1373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSFL1C protein(1-370 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-370 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MAAERQEALREFVAVTGAEEDRARFFLESAGWDLQIALASFYEDGGDEDIVTISQAT PSSVSRGTAPSDNRVTSFRDLIHDQDEDEEEEEEGQRFYAGGSERSGQQIVGPPRK KSPNELVDDLFGKAKEHGAVAVERTKSPGETSKPRPFAGGGYRLGAAPEEESAYV AGEKRQHSSQDVHVVLKLWKSGLDNGELRSYQDPSNAQFLESIRRGEVPAELR RLAHGGQVNLDMEDHRDEDFVKPKGAFKAFTGEGQKLGSTAPQVLSTSSPAQQAE NEAKASSILIDSEPTTNIQIRLADGGRLVQKFNHSHRISDIRLFIVDARPAMAATSI LMTTFPNKELADESQTLEANLLNAVIVQRLT
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name NSFL1C NSFL1 (p97) cofactor (p47) [Homo sapiens]

Official Symbol NSFL1C

Synonyms NSFL1C; NSFL1 (p97) cofactor (p47); NSFL1 cofactor p47; dJ776F14.1; p47; SHP1 homolog (S. cerevisiae); UBX domain protein 2C; UBX1; UBXD10; UBXN2C; SHP1 homolog; p97 cofactor p47; UBX domain-containing protein 2C; P47; MGC3347; FLJ46889;

Gene ID 55968

mRNA Refseq NM_001206736

Protein Refseq NP_001193665

MIM 606610

UniProt ID Q9UNZ2

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