

Recombinant Full Length Human SLU7 Protein, C-Flag-tagged

Cat. No. SLU7-2067HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SLU7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is a splicing factor that has been found to be essential during the second catalytic step in the pre-mRNA splicing process. It associates with the spliceosome and contains a zinc knuckle motif that is found in other splicing factors and is involved in protein-nucleic acid and protein-protein interactions.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	68.2 kDa
AA Sequence	MSATVVDAVNAAPLSGSKEMSLEEPKKMTREDWRKKKELEEQRKLGNAEVDDEE GKDINPHIPQYISSV PWYIDPSKRPTLKHQRPQPEKQKQFSSSGEWYKRGVKENSV ITKYRKGACENCGAMTHKKKDCFERPRRV GAKFTGTNIAPDEHVQPQLMFDYDGK RDRWNGYNPEEHMKIVEEYAKVDLAKRTLKAQKLQEELASGKLV EQANSPKHQWG EEEPNSQTEKDHNSEDEDEDKYADDIDMPGQNFDSKRRTVRNLRIREDIKYLRLN DP NSAYYDPKTRAMRENPYANAGKNPDEVSYAGDNFVRYTGDITISMAQTQLFAWE AYDKGSEVHLQADPTKL ELLYKSFKVKKEDFKEQQKESILEKYGGQEHLDAAPPAELL LAQTEDYVEYSRHGTVIKGQERAVACSKYE EDVKIHNHHTHIWGSYWKEGRWGYKC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CHSFFKYSYCTGEAGKEIVNSEECIINEITGEESVKKPQTLMEH QEKLKEEKKKKKK
 KKKKHKRKSDDSDDEEKKHEKLKKALNAEEARLLHVKETMQIDERKRPYNSMYETR
 E PTEEMEAYRMKRQRPDDPMASFLGQ TRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

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	Spliceosome
Full Length	Full L.

GENE INFORMATION

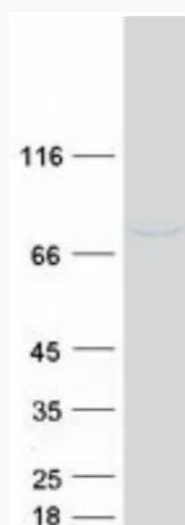
Gene Name	SLU7 SLU7 homolog, splicing factor [Homo sapiens (human)]
Official Symbol	SLU7
Synonyms	9G8; hSlu7
Gene ID	10569

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mRNA Refseq	NM_006425.5
Protein Refseq	NP_006416.3
MIM	605974
UniProt ID	O95391



Coomassie blue staining of purified SLU7 protein.