

Recombinant Human SLU7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLU7-6429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLU7 MS Standard C13 and N15-labeled recombinant protein (NP_006416) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	68.3 kDa
AA Sequence	MSATVVDAVNAAPLSGSKEMSLEPPKMTREDWRKKKELEEQRKLGNAEVDDEE GKDINPHIPQYISSVPWYIDPSKRPTLKHQRPQPEKQKQFSSSGEWYKRGVKENSVI TKYRKGACENCGAMTHKKKDCFERPRRVGAKFTGTNIAPDEHVPQQLMFDYDGKR DRWNGYNPEEHMKIVEEYAKVDLAKRTLKAQKLQEELASGKLVEQANS PKHQWGE EEPNSQTEKDHNSEDEDEDKYADDIDMPGQNFDSKRRTVRLRIREDIAKYLRNLD PNSAYYDPKTRAMRENPHYANAGKNPDEVSYAGDNFVRYTGDTISMAQTQLFAWEA YDKGSEVHLQADPTKLELLYKSFVKVKEDFKEQQKESILEKYGGQEHLDAAPAEALL AQTEDYVEYSRHGTVIKGQERAVACSKYEEDVKIHNHTHIWGSYWKEGRWGYKCC

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HSFFKYSYCTGEAGKEIVNSEECIINEITGEESVKKPQTLMELHQEKLKEEKKKKKKK
 KKKHRKSSSDSDDEEKKHEKLLKALNAEEARLLHVKETMQIDERKRPYNMYETRE
 PTEEEEMEAYRMKRQRPDDPMASFLGQTRTRPLEQKLISEEDLAANDILDYKDDDDK
 V

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 SLU7 SLU7 homolog, splicing factor [Homo sapiens (human)]

Official Symbol SLU7

Synonyms SLU7; SLU7 splicing factor homolog (S. cerevisiae); pre-mRNA-splicing factor SLU7; 9G8; zinc knuckle motif containing; splicing factor; step II splicing factor SLU7; hSlu7; MGC9280;

Gene ID 10569

mRNA Refseq NM_006425

Protein Refseq NP_006416

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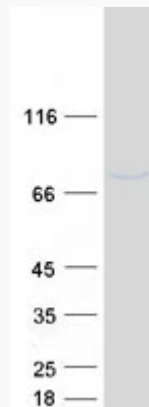
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MIM 605974

UniProt ID O95391

SDS-PAGE



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