

Recombinant Human FUS protein, His&Myc-tagged

Cat. No. FUS-3533H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUS protein(P35637)(1-526aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-526aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MASNDYTQQATQSYGAYPTQPGQGYSQQSSQPYGQQSYSGYSQSTDTSGYGQS
 SYSSYGQSQNTGYGTQSTPQGYGSTGGYGSSQSSQSSYGQQSSYPGYGQQPAP
 SSTSGSYGSSSSQSSSYGQPQSGSYSQQPSYGGQQQSYGQQQSYNPPQGYGQQN
 QYNSSSGGGGGGGGGGGNYGQDQSSMSSGGGSGGGYGNQDQSGGGGSGGYGQ
 QDRGGRGRGGSGGGGGGGGGGYNRSSGGYEPRGRGGGRGGRGGMGGSDRG
 GFNKFGGPRDQGSRDHSEQDNSDNNTIFVQGLGENVTIESVADYFKQIGIIKTNKKT
 GQPMINLYTDRETGKLKGEATVSFDDPPSAKAAIDWFDGKEFSGNPIKVSFATRRAD
 FNRGGGNRGRGRGRGGPMGRGGYGGGGSGGGGRGGFPGSGGGGGGGGQQRAG
 DWKCPNPTCENMNFSWRNECNQCKAPKPDGPGGGPGGSHMGGNYGDDRRGGR
 GGYDRGGYRGRGGDRGGFRGGRGGGDRGGFGPGKMSRGEHRQDRRERPY

GENE INFORMATION

Gene Name [FUS fused in sarcoma \[Homo sapiens \]](#)

Official Symbol [FUS](#)

Synonyms

FUS; fused in sarcoma; ALS6, amyotrophic lateral sclerosis 6 , fusion (involved in t(12;16) in malignant liposarcoma) , fusion, derived from t(12;16) malignant liposarcoma; RNA-binding protein FUS; FUS1; heterogeneous nuclear ribonucleoprotein P2; hnRNP P2; TLS; translocated in liposarcoma; oncogene FUS; oncogene TLS; fus-like protein; 75 kDa DNA-pairing protein; fusion gene in myxoid liposarcoma; translocated in liposarcoma protein; ALS6; POMP75; HNRNPP2;

Gene ID [2521](#)

mRNA Refseq [NM_001170634](#)

Protein Refseq [NP_001164105](#)

MIM [137070](#)

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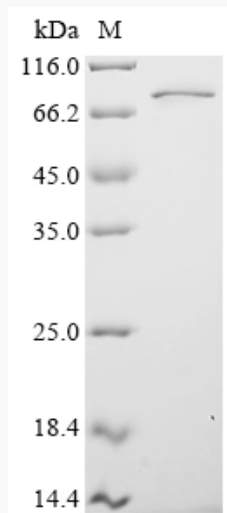
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UniProt ID

P35637

SDS-PAGE

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