

Recombinant Human FUS protein, GST-tagged

Cat. No. FUS-301394H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUS (52-400 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln52-Gly400
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	QSSYSSYGQSQNTGYGTQSTPQGYGSTGGYGSSQSSQSSYGQQSSYPGYGQQP APSSSTSGSYGSSSQSSSYGQPQSGSYSQQPSYGGQQSYGQQQSYNPPQGYGQ QNQYNSSSGGGGGGGGGGNYGQDQSSMSSGGGSGGGYGNQDQSGGGGSGGY GQQDRGGRGRGGSGGGGGGGGGGYNRSSGGYEPRGRGGGRGGRGGMGGSD RGGFNKFGGPRDQGSRDHSEQDNSDNNTIFVQGLGENVTIESVADYFKQIGIIKTNK KTGQPMINLYTDRETGKLKGEATVSFDDPPSAKAAIDWFDGKEFSGNPIKVSFATTR ADFNRRGGNGRGGGRGRGGPMGRGGYGGG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
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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](#)

UniProt ID [P35637](#)

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