

Recombinant Human MUSK protein, GST-tagged

Cat. No. MUSK-3255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUSK protein(O15146)(24-495aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-495aa
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	78.8 kDa
AA Sequence	LPKAPVITTPLETVDALVEEVATFMCIVESYPQPEISWTRNKILIKLFDTRYISIRENGQ LLTILSVEDSDDGIYCCTANNGVGGAVESCGALQVKMKPKITRPPINVKIIIEGLKAVLP CTTMGNPKPSVSWIKGDSPLRENSRIAVLESGLRIHNVQKEDAGQYRCVAKNSLG TAYSKVVKLEVEEESEPEQDTKVFARILRAPESHNVTFGSFVTLHCTATGIPVPTITWI ENGNAVSSGSIQESVKDRVIDSRLQLFITKPGLYTCIATNKHGEKFSTAKAAATISIAE WREYCLAVKELFCAKEWLVMEEEKTHRGLYRSEMHLHSVPECSKLPMSHWDPTACA RLPHLAFPPMTSSKPSVDIPNLPSSSSSSFSVSPTYSMTVIISIMSSFAIFVLLTITTLYC CRRRKQWKNNKRESAAVTLTTLPSELLDRLHPNPMYQRMPLLLNPKLLSLEYPRN NIEYVRDI

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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	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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	MUSK muscle, skeletal, receptor tyrosine kinase [Homo sapiens]
Official Symbol	MUSK
Synonyms	MUSK; muscle, skeletal, receptor tyrosine kinase; muscle, skeletal receptor tyrosine-protein kinase; muscle-specific kinase receptor; muscle-specific tyrosine-protein kinase receptor; MGC126323; MGC126324;
Gene ID	4593
mRNA Refseq	NM_001166280
Protein Refseq	NP_001159752
MIM	601296
UniProt ID	O15146

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