

Recombinant Human MUSK protein

Cat. No. MUSK-3543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUSK protein(O15146)(24-495aa) was expressed in vitro E.coli expression system.
Species	Human
Source	E.coli
ProteinLength	24-495aa
Tag	Non
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	54.0 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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

LPKAPVITTPLETVDALVEEVATFMCAVESYPQPEISWTRNKILIKLFDTRYSIRENGQ
 LLTILSVEDSDDGIYCCTANNGVGGAVESCGALQVKMKPKITRPPINVKIIEGLKAVLP
 CTTMGNPKPSVSWIKGDSPLRENSRIAVLESGSLRIHNVQKEDAGQYRCVAKNSLG
 TAYSKVVKLEVEEESEPEQDTKVFARILRAPESHNVTFGSFVTLHCTATGIPVPTITWI
 ENGNAVSSGSIQESVKDRVIDSRLQLFITKPGLYTCIATNKHGEKFSTAKAAATISIAE
 WREYCLAVKELFCAKEWLVMEEKTHRGlyRSEMHLISVPECSKLPSMHWDPDTACA
 RLPHLAFPPMTSSKPSVDIPNLPSSSSSSFSVSPTYSMTVIISIMSSFAIFVLLTITTLTYC
 CRRRKQWKNKKRESAAVTLTTLPSSELLLDRLHPNPMYQRMPLLLNPKLLSLEYPRN
 NIEYVRDI

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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