Recombinant Human MUSK protein(Arg433-Val783), His&GST-tagged

Cat. No. MUSK-959H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUSK isoform 2 (O15146-2) (Arg 433-Val 783) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Arg433-Val783
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10mM GSH.
Molecular Mass	The recombinant human MUSK (aa 433-783)/GST chimera consists of 588 amino acids and has a calculated molecular mass of 68 kDa. It migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration	Please refer to the hard copy of CoA.

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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