

# 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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