

## Recombinant Human MUSK protein, DDK/His-tagged

Cat. No. MUSK-165H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MUSK(Leu24-Thr495), transcript variant 1, fused with DDK/His tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	24-495 a.a.
<b>Description</b>	This gene encodes a muscle-specific tyrosine kinase receptor. The encoded protein may play a role in clustering of the acetylcholine receptor in the postsynaptic neuromuscular junction. Mutations in this gene have been associated with congenital myasthenic syndrome. Alternatively spliced transcript variants have been described.
<b>Form</b>	1 x PBS, pH7.4, 10% glycerol.
<b>Molecular Mass</b>	55 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	MUSK muscle, skeletal, receptor tyrosine kinase [ Homo sapiens ]
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<b>Official Symbol</b>	MUSK
<b>Synonyms</b>	MUSK; muscle, skeletal, receptor tyrosine kinase; muscle, skeletal receptor tyrosine-protein kinase; muscle-specific kinase receptor; muscle-specific tyrosine-protein kinase receptor; MGC126323; MGC126324;
<b>Gene ID</b>	4593
<b>mRNA Refseq</b>	NM_005592
<b>Protein Refseq</b>	NP_005583
<b>MIM</b>	601296
<b>UniProt ID</b>	O15146

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