

Recombinant Human MUSK protein, DDK/His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MUSK(Leu24-Thr495), transcript variant 1, fused with DDK/His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-495 a.a.
Description	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.
Form	1 x PBS, pH7.4, 10% glycerol.
Molecular Mass	55 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	MUSK muscle, skeletal, receptor tyrosine kinase [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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_005592
Protein Refseq	NP_005583
MIM	601296
UniProt ID	O15146

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