

Product datasheet for TP315076

C19orf63 (EMC10) (NM_175063) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 19 open reading frame 63 (C19orf63), transcript variant HSS1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215076 representing NM_175063 Red=Cloning site Green=Tags(s)

MAAASAGATRLLLLLLMAVAAPSRARGSGCRAGTGARGAGAEGREGEACGTVGLLLEHSFEIDDSANFRK
RGSLLWNQQDGTLSLSQRQLSEEEERGLRDVAALNGLYRVIRPRPGALDGLEAGGYVSSFVPACSLVES
HLSDQLTLHVDVAGNVVGVSVWTHPGGCRGHEVEDVDLELFNTSVQLQPPTTAPGPETAFAFIERLEMEQA
QKAKNPQEQKSFFAKYWHIILGGAVLLTALRPAAPGPAPPPQEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

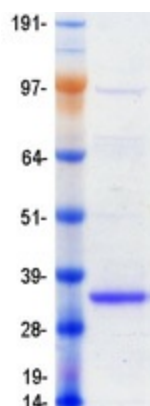
Tag:	C-Myc/DDK
Predicted MW:	26.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_778233</u>
Locus ID:	284361



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UniProt ID:	Q5UCC4
RefSeq Size:	2740
Cytogenetics:	19q13.33
RefSeq ORF:	762
Synonyms:	C19orf63; HSM1; HSS1
Summary:	Promotes angiogenesis and tissue repair in the heart after myocardial infarction. Stimulates cardiac endothelial cell migration and outgrowth via the activation of p38 MAPK, PAK and MAPK2 signaling pathways.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified EMC10 protein (Cat# TP315076). The protein was produced from HEK293T cells transfected with EMC10 cDNA clone (Cat# [RC215076]) using MegaTran 2.0 (Cat# [TT210002]).