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Product datasheet for TP302346M

LYRM4 (NM_020408) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human LYR motif containing 4 (LYRM4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202346 protein sequence Red=Cloning site Green=Tags(s) MAASSRAQVLALYRAMLRESKRFSAYNYRTYAVRRIRDAFRENKNVKDPVEIQTLVNKAKRDLGVIRRQV HIGQLYSTDKLIIENRDMPRT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	10.6 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:	NP_065141
Locus ID:	57128
UniProt ID:	Q9HD34
RefSeq Size:	1514
Cytogenetics:	6p25.1

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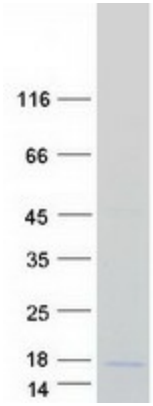
RefSeq ORF: 273

Synonyms: C6orf149; CGI-203; COXPD19; ISD11

Summary: The protein encoded by this gene is found in both mitochondria and the nucleus, where it binds cysteine desulfurase and helps free inorganic sulfur for Fe/S clusters. Disruption of this gene negatively impacts mitochondrial and cytosolic iron homeostasis. [provided by RefSeq, Sep 2016]

Product images:



Coomassie blue staining of purified LYRM4 protein (Cat# [TP302346]). The protein was produced from HEK293T cells transfected with LYRM4 cDNA clone (Cat# [RC202346]) using MegaTran 2.0 (Cat# [TT210002]).