

Product datasheet for TP512411

Lsg1 (NM_178069) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse large 60S subunit nuclear export GTPase 1 (Lsg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR212411 representing NM_178069
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGRRRAPGGGSLGRVLRQQTQRSRSRHRHTDSWLHTSELNDGYDWGRLNLQSVTEQSSLEDFLATAELAG
TEFVAEKLNIKFPPEARTGLLSFEESQRIKKLHEENRQFLCIPRRPNWDRKTSPEELKQAEKDNFLKWR
RQLVRLIEEEQLILTPFERNLDFWRQLWRVIERSDIVVQIVDARNPLLFRCEDLECYVKEIDAAKENVIL
INKADLLTAEQRFAWAVHFEKEGVKVFWSALAETDHLNGDLKEEVDSVAGDTNKTESESSLDANEIPH
RDLISLSEESASDSGDSKYEDCQEDEEEDWQTCSEEDSVPEEEEGCNADSETQNRKNAENQQVNNDSYLV
SKQELLELFKKLHTGKKVKDGQLTVGLVGYPNVGKSSINTIMGNKKVSVSATPGHTKHFQTLVVEPGLC
LCDPCGLVMPFSVSTKAEMICNGILPIDQMRDHVPPVSLVCQNIPIRRVLEVYGINIIKPREDEDPYRPP
TSEELLTAYGCMRGFMTAHGQPDQPRSARYILKDYVGGKLLYCHPPPDKDPVAFQHQQHQLLESKVKGGGE
LRLQPGKGRKAKQIENVVDKTFHQQENVRALTKGVQAVMGYKPGHGLVTAASAENVPGKPKWKKHGNRN
KKEKSRRLYKHLDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	73.2 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_835170
Locus ID:	224092
UniProt ID:	Q3UM18
RefSeq Size:	2373
Cytogenetics:	16 21.34 cM
RefSeq ORF:	1932
Synonyms:	5830465I20; AA409273; D16Bwg1547e
Summary:	GTPase required for the XPO1/CRM1-mediated nuclear export of the 60S ribosomal subunit. Probably acts by mediating the release of NMD3 from the 60S ribosomal subunit after export into the cytoplasm (By similarity).[UniProtKB/Swiss-Prot Function]