

Product datasheet for TP322159L

URG4 (URGCP) (NM_001077663) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens up-regulated gene 4 (URG4), nuclear gene encoding mitochondrial protein, transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222159 representing NM_001077663 Red=Cloning site Green=Tags(s)

MASPGIEVELLKGKHSIDLGEVAPEIKASERRTAVAIADLEWREMEGDDCEFRYGDGTNEAQDNDFFPTVER
SRLQEMLSLGLLETQVQKLSLQDSLQISFDSMKNWAPQVPKDLPNFLRKLQALNADARNTTMVLDVLP
DARPEKESQMEEIYWDPAADLAADIYSFSELPTDTPVNPLDLLCALLSSDSFLQQEIALKMLCQ
FALPLVLPDSENHYHTFLLWAMRGIVRTWWSQPPRGMGSFREDSSVLSRAPAFAFVMDVSSNSKSKQLLN
AVLSPGHRQWDCFWHRDLNLGTNAREISDGLVEISWFFPSGRELDIFPEPVAFLNLRGDIGSHWLQFKL
LTEISSAVFILTDNISKKEYKLLYSMKESTTKYFILSPYRGKRNTNLRFLNKLIPVLKIDHSHVLVKVS
STDSDFVKRIRAIVGNVLRAPCRRVSVEDMAHAARKLGLKVDCECQKAKDRMERITRIKIKDSAYR
RDELRLQGDPWRKAAQVEKEFCQLQWAVDPPEKHRAELRRRLELRMQNGHDPSSGVQEFISGISSPSL
SEKQYFLRWMWGLARVAQPRLRQPPETLLLRPKHGGTTDVGEPLWPEPLGVEHFLREMGQFYEAESCL
VEAGRLPAGQRRFAHFPGLASELLLTGLPLELIDGSTLSMPVVRWVTGLLKEHVLRLERRSRLVVLSTVGV
PGTGKSTLLNTMFGLRFATGKSCGPRGAFMQLITVAEGFSQDLGCDHILVIDSGGLIGGALTSAGDRFEL
EASLATLLMGLSNVTVISLAETKDIPAAILHAFLRLEKTGHMPNYQFVYQNLHDVSVGPVRPRDKRQLLD
PPGDLSRAAAQMEKQGDGFRALAGLAFCDPEKQHIWHIPGLWHGAPPMMAVSLAYSEAIFELKRCLLENI
RNGLSNQNKNIQQLIELVRRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

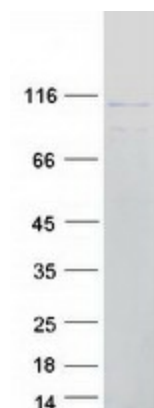
Tag:	C-Myc/DDK
Predicted MW:	104.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_001071131
Locus ID:	55665
UniProt ID:	Q8TCY9
RefSeq Size:	3636
Cytogenetics:	7p13
RefSeq ORF:	2793
Synonyms:	URG4
Summary:	URG4 is upregulated in the presence of hepatitis B virus (HBV)-encoded X antigen (HBxAg) and may contribute to the development of hepatocellular carcinoma by promoting hepatocellular growth and survival (Tufan et al., 2002 [PubMed 12082552]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified URGCP protein (Cat# [TP322159]). The protein was produced from HEK293T cells transfected with URGCP cDNA clone (Cat# [RC222159]) using MegaTran 2.0 (Cat# [TT210002]).