

Product datasheet for TP319307

HROB (NM_024032) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 17 open reading frame 53 (C17orf53), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219307 representing NM_024032 Red=Cloning site Green=Tags(s)

MACSLQKLFVVEEFEDFLSAVEDAENRFTGSLPVNAGRLRPVSSRPQETVQAQSSRLLLLHPTAPSE
ALGLPDLCLPASSTPSADSRPSCIGAAPLRPVSTSSSWIGNQRRVTVEVLRETARPQSSALHPLLLTF
ESQQQVGGFEGPEQDEFDKVLASMELEPGMELECGVSSEAIPLPAQQREGSVLAKKARVVDLSGSCQ
KGPVPAIHKAGIMSAQDES LDPVIQCRTPRPPLRPGAVGHLPVPTALTVP TQQLHWEVCPQRSPVQALQP
LQAARGTIQSSPQNRFPQCQPFQSPSSWLSGKAHLPRPTPNSSCSTPSRTSSGLFPRIPLQPQAPVSSIG
SPVGT PKGPQGALQTPIVTNHLVQLVTAASRTPQQPTHSTRAKTRRFPGPAGILPHQQSGRSLEDIMVS
APQTPTHGALAKFQTEIVASSQASVEEDFGRGPWLTMKSTLGLDERDPSCFLCTYSIVMVLKQAALKQL
PRNKVPMAMVIKSLRSTMDASVFKDPTGEMQGTVHRLLETCQNELKPGSVLLLKQIGVFSPSLRNH
YLNVT PNNLVHIYSPDSGDGSGFLKPSQPFKDSGSFQHDVAAKPEEGFRTAQNLEAEASPEEELPEADDL
DGLLELPEDFFCGTSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

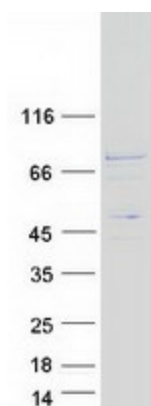
Tag:	C-Myc/DDK
Predicted MW:	69.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_076937</u>
Locus ID:	78995
UniProt ID:	<u>Q8N3J3</u>
RefSeq Size:	2727
Cytogenetics:	17q21.31
RefSeq ORF:	1941
Synonyms:	C17orf53; MCM8IP
Summary:	DNA-binding protein involved in homologous recombination that acts by recruiting the MCM8-MCM9 helicase complex to sites of DNA damage to promote DNA repair synthesis. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified C17orf53 protein (Cat# TP319307). The protein was produced from HEK293T cells transfected with C17orf53 cDNA clone (Cat# [RC219307]) using MegaTran 2.0 (Cat# [TT210002]).