

## Product datasheet for TP319307M

### HROB (NM\_024032) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 17 open reading frame 53 (C17orf53), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219307 representing NM_024032 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MACSLQKLFVVEEFEDFLSAVEDAENRFTGSLPVNAGRLRPVSSRPQETVQAQSSRLLLLHPTAPSE  
ALGLPDLCLPASSTPSADSRPSCIGAAPLRPVSTSSWIGNQRRVTVEVLRETARQSSALHPLLT  
ESQQQVGGFEGPEQDEFDKVLASMELEEPGMELECGVSSEAIPLPAQQREGSVLAKKARVVDLSGSCQ  
KGPVPAIHKAGIMSAQDESLDPVIQCRTPRPPLRPGAVGHLPVPTALTVPTQQLHWEVCPQRSPVQALQP  
LQAARGTIQSSPQNRFPCCQPFQSPSSWLSGKAHLPRPRTPNSSCSTPSRTSSGLFPRIPLQPQAPVSSIG  
SPVGTPKGPGALQTPIVTNHLVQLVTAASRTPQOPHTPSTRAKTRRFPGPAGILPHQQSGRSLEDIMVS  
APQTPTHGALAKFQTEIVASSQASVEEDFGRGPWLTMKSTLGLDERDPSCFLCTYSIVMVLKQAALKQL  
PRNKVPMAMVIKSLTRSTMDASVFKDPTGEMQGTVHRLLETCQNELKPGSVLLKQIGVFSPSLRNH  
YLNVTNNLVHIYSPDSGDGSLKPSQPFKDSGSFQHDVAAKPEEGFRTAQNLEAEASPEEELPEADDL  
DGLLSELPEDFFCGTSS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

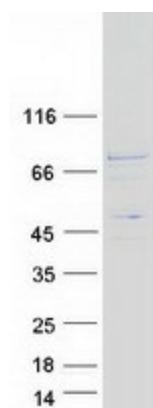
Tag:	C-Myc/DDK
Predicted MW:	69.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_076937</a>
<b>Locus ID:</b>	78995
<b>UniProt ID:</b>	<a href="#">Q8N3J3</a>
<b>RefSeq Size:</b>	2727
<b>Cytogenetics:</b>	17q21.31
<b>RefSeq ORF:</b>	1941
<b>Synonyms:</b>	C17orf53; MCM8IP
<b>Summary:</b>	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]).