

Product datasheet for PH319307

HROB (NM_024032) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C17orf53 MS Standard C13 and N15-labeled recombinant protein (NP_076937)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219307
Predicted MW:	69.6 kDa
Protein Sequence:	>RC219307 representing NM_024032 Red=Cloning site Green=Tags(s)

MACSLQKLF AVEEEFEDEDFLSAVEDAENRFTGSLP V NAGRLRPVSSRPQETVQAQSSRLLLLHPTAPSE
ALGLPDLCLPASSTPSADSRPSCIGAAPLRPVSTSSSWIGNQRRVTVEVLRETARPQSSALHPLLTF
ESQQQVGGFEGPEQDEFDKVLASMELEEPGMELECGVSSEAIPILPAQQREGSVLAKKARVVDLSGSCQ
KGPVPAIHKAGIMSAQDESLDPVIQCRTPRPPLRPGAVGHLVPVPTALTVPTQQLHWEVCPQRSPVQALQP
LQAARGTIQSSPQNRFPQPFQSPSSWL SGKAHLPRPRTPNSSCSTPSRTSSGLFPRIPLQPAPVSSIG
SPVGT PKGPQGALQTPIVTNHLVQLVTAASRTPQQPTHPSTRAKTRRFPGPAGILPHQQSGRSLIEDIMVS
APQTPTHGALAKFQTEIVASSQASVEEDFGRGPWLTMKSTLGLDERDPSCFLCTYSIVMVLRKQAALKQL
PRNKVPNMAMVIKSLTRSTMDASVVFKDPTGEMQGTVHRLLETCQNELKPGSVLLLLKQIGVFSPLRNH
YLNVTNNLVHIYSPDSDGSGFLKPSQPFKDSGSFQHDVAAKPEEGFRTAQNLEAEASPEEELPEADDL
DGLLSELPEDFFCGTSS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

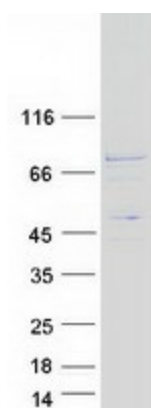
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_076937
RefSeq Size:	2727



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RefSeq ORF:	1941
Synonyms:	C17orf53; MCM8IP
Locus ID:	78995
UniProt ID:	Q8N3J3
Cytogenetics:	17q21.31
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]).