

Product datasheet for PH304028

EIF4H (NM_031992) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EIF4H MS Standard C13 and N15-labeled recombinant protein (NP_114381)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204028
Predicted MW:	25.2 kDa
Protein Sequence:	>RC204028 protein sequence Red=Cloning site Green=Tags(s) MADFDTYDDRAYSFFGGGRGSRGSAGGHGSRSQKELPTEPPYTAYVGNL PFNTVQGDIDAI FKDLSIRSV RLVRDKD TDKFKGFCYVEFDEVD SLKEALTYDGALLGDRSLRVDIAEGRKQDKGGFGRKGGPDDRGFRD DFLGGRGSRPGDRRTGPPMGSRFRDGPPLRGSNMDFREPT EEERAQRPRQLKPRTVATPLNQVANPNS AIFGGARPREEVVQKEQE 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_114381
RefSeq Size:	2486
RefSeq ORF:	684
Synonyms:	eIF-4H; WBSR1; WSCR1
Locus ID:	7458
UniProt ID:	Q15056

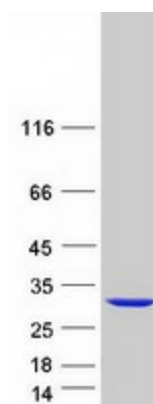


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Cytogenetics: 7q11.23

Summary: This gene encodes one of the translation initiation factors, which functions to stimulate the initiation of protein synthesis at the level of mRNA utilization. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified EIF4H protein (Cat# [TP304028]). The protein was produced from HEK293T cells transfected with EIF4H cDNA clone (Cat# [RC204028]) using MegaTran 2.0 (Cat# [TT210002]).