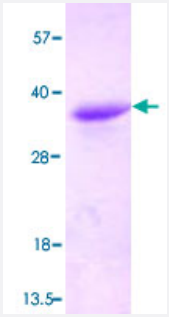
Full-Length

EIF4H (Human) Recombinant Protein

Catalog # P5402 Size 100 ug

Applications



Specification

Product Description	Human EIF4H (NP_001098751, 1 a.a. - 140 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMADFDTYDDRAYSSFGGGRGSRGSAGGHGSRSQKELPT EPPYTAYVGNLPFNTVQGDIDAIFKDLS IRSVRLVRDKDTDKFKGFCYVEFDEVDSLKEALTYDGA LLGDRSLRVDIAEGRKQDKGGFGFRKGGPDDRGMGSSRESRGGWDSRDDFNS GFRDDFLGG RGGSRPGDRRTGPPMGSRFRDGPPLRGSNMDFREPTEEERAQRPRLQLKPRTVATPLNQVANP NSAIFGGARPREEVVQKE QE
Host	Escherichia coli
Theoretical MW (kDa)	29.9
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	0.5 mg/mL
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 0.2 M NaCl, pH 8.0 (50% glycerol, 2 mM DTT).

Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — EIF4H

Entrez GeneID	7458
Protein Accession#	NP_071496
Gene Name	EIF4H
Gene Alias	KIAA0038, WBSCR1, WSCR1
Gene Description	eukaryotic translation initiation factor 4H
Omim ID	603431
Gene Ontology	Hyperlink
Gene 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
Other Designations	OTTHUMP00000024643|Williams-Beuren syndrome chromosome region 1

Disease

- Arthritis
- Bipolar Disorder
- Coronary Artery Disease
- Coronary Disease
- Crohn Disease
- Diabetes Mellitus

- Genetic Predisposition to Disease
- Hypertension