

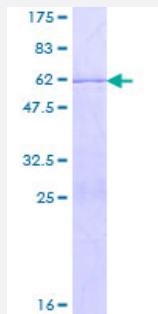
Full-Length

WBSCR1 (Human) Recombinant Protein (P01)

Catalog # H00007458-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human WBSCR1 full-length ORF (NP_071496.1, 1 a.a. - 248 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MADFDTYDDRAYSSFGGGRGSRGSAGGHGSRSQKELPTEPPYTAYVGNLPFNTVQGDIDAIFKD LSIRSVRLVRDKDTDKFKGFCYVEFDEVDSLKEALTYDGALLGDRSLRVDIAEGRKQDKGGFGFR KGGPDDRGMGSSRESRGGWDSRDDFNSGFRDDFLGGRGGSRPGDRRTGPPMGSRFRDGPP LRGSNMDFREPTEEERAQRPLQLKPRTVATPLNQVANPNSAIFGGARPREEVVQKEQE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	53.8
Interspecies Antigen Sequence	Mouse (99); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EIF4H

Entrez GeneID [7458](#)

GeneBank Accession# [NM_022170.1](#)

Protein Accession# [NP_071496.1](#)

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](#)