

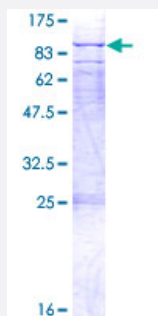
Full-Length

WBSCR17 (Human) Recombinant Protein (P01)

Catalog # H00064409-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human WBSCR17 full-length ORF (NP_071924.1, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASLRRVKVLLVLNLIAGFVLFLLAKCRPIAVRSGDAFHEIRPRAEVANLSAHSASPIQDAVLKRL
SLEDIVYRQLNGLSKSLGLIEGYGGRGKGLPATLSPAEEEEKAKGPHEKYGYNSYLSEKISLDRSI
PDYRPTCKELKYSKDLPQISIIIFVNEALSVILRSVHSAVNHTPTHLLKEILVDDNSDEEELKVPLE
EYVHKRYPGLVKVVRNQKREGLIRARIEGWKVATGQVTGFFDAHVEFTAGWAEPVLSRIQENRKR
VILPSIDNIKQDNFEVQRYENSAHGYSWELWCMYSPPKDWWDAGDPSLPIRTPAMIGCSFVVNR
KFFGEIGLLDPGMDVYGGENIELGIKVLWCGGSMEVLPCSRVAHIERKKKPYNSNIGFYTKRNALR
VAEVWMDDYKSHVYIAWNLPENPGIDIGDVSERRALRKSLKCKNFQWYLDHVYPEMRRYNTV
AYGELRNNKAKDVCCLDQGPLNHTAILYPCHGWGPQLARYTKEGFLHLGALGTTTLLPDTRCLVD
NSKSRLPQLLDCDKVKSSLYKRWNFIQNGAIMNKGTRGRCLEVENRGLAGIDLILRSCTGQRWTIKN
SIK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

94.2

Interspecies Antigen Sequence

Mouse (98); 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 — WBSCR17

Entrez GeneID	64409
GeneBank Accession#	NM_022479.1
Protein Accession#	NP_071924.1
Gene Name	WBSCR17
Gene Alias	DKFZp434I2216, DKFZp761D2324, GALNT16, GALNT20, GALNTL3
Gene Description	Williams-Beuren syndrome chromosome region 17
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an N-acetylgalactosaminyltransferase, which has 97% sequence identity to the mouse protein. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. [provided by RefSeq]
Other Designations	UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like 3 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 16 polypeptide N-acetylgalactosaminyltransferase WBSCR17 pp-GalNAc-transferase 20

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)