

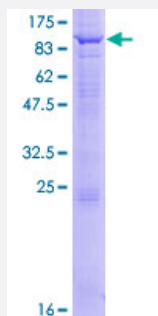
Full-Length

WDR16 (Human) Recombinant Protein (P01)

Catalog # H00146845-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human WDR16 full-length ORF (AAH25392.1, 1 a.a. - 620 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDNKISPEAQVAEELDAVIGFNGHVPTGLKCHPDQEHHMYPLGCTVLIQAINKEQNFLQGHGNN
VSCLAISRSGEYIASGQVTFMGFKVDIILWDYKNRELLARLSLHKGKIEALAFSPNDLYLVSLGGPD
DGSVVVWSIAKRDAICGSPAAGLNVGNATNVIFSRCRDEMFM TAGNGTIRVWELDLPNRKIWPTE
SQTGQLKRVM SIGVDDDD SFFYL GTTTGDILKMNPRTKLLTDVGPAKDKFSLGVS AIRCLKMGGL
LVGSGAGLLVFCKSPGYKPIKKIQLQGGITSITLRGEGHQFLVGTEESHYRVSF TDFKETLIATCHFD
AVKDMVFPFGTAELFATCAKKDIRVWHTSSNRELLRITVPNMTCHGIDFMRDGKSIISAWNDGKIRA
FAPETGRLMYVINNAHRIGVTAIATTS DCKRVISGGGEGEVRVWQIGCQTQKLEELKEHKSSVSCI
RVKRNNEECVTASTDGTICIMDLVRLRRNQMILANTLFQCVCYHPEEFQIITSGTDRKIA YWEVFDG
TVIRELEGSLSGSINGMDITQEGVHFVTGGNDHLVKVWDYNEGEVTHVGVGHSGNITRIRISPGNQY
MSVSADGAILRWKYPYTS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

94.7

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 — WDR16

Entrez GeneID	146845
GeneBank Accession#	BC025392.2
Protein Accession#	AAH25392.1
Gene Name	WDR16
Gene Alias	FLJ37528, WDRPUH
Gene Description	WD repeat domain 16
Omim ID	609804
Gene Ontology	Hyperlink
Gene Summary	WD repeat-containing proteins, such as WDR16, play crucial roles in a wide range of physiologic functions, including signal transduction, RNA processing, remodeling the cytoskeleton, regulation of vesicular traffic, and cell division (Silva et al., 2005 [PubMed 15967112]).[supplied by OMIM]
Other Designations	WD40-repeat protein upregulated in HCC