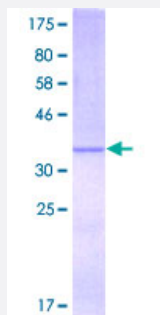


IFT122 (Human) Recombinant Protein (Q01)

Catalog # H00055764-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IFT122 partial ORF (NP_443711, 1194 a.a. - 1291 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SIGDEDPFTAKLSFEQGGSEFVPVVVSRLVLRMSRRDVLIKRWPPPLRWQYFRSLLPDASITMC PSCFQMFHSEDYELLVLQHGCCPYCRRCKDDPG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (87); Rat (82)
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 — IFT122

Entrez GeneID [55764](#)

GeneBank Accession# [NM_052985](#)

Protein Accession# [NP_443711](#)

Gene Name IFT122

Gene Alias SPG, WDR10, WDR10p, WDR140

Gene Description intraflagellar transport 122 homolog (Chlamydomonas)

Omim ID [606045](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This cytoplasmic protein contains seven WD repeats and an AF-2 domain which function by recruiting coregulatory molecules and in transcriptional activation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations WD repeat domain 10