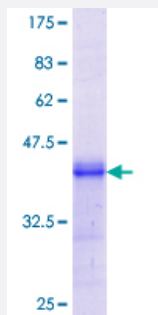


DISP1 (Human) Recombinant Protein (Q01)

Catalog # H00084976-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DISP1 partial ORF (NP_116279.2, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAMSNNGNDFVVLNSSSIATSAANPSPLTPCDGDHAAQQLTPKEATRTKVSPNGCLQLNGTVKS SFLPLDNQRMPQMLPQCCHPCPYHHPLTSHSSHQECH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
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 — DISP1

Entrez GeneID	84976
GeneBank Accession#	NM_032890
Protein Accession#	NP_116279.2
Gene Name	DISP1
Gene Alias	DISPA, DKFZp434I0428, FLJ43740, MGC104180, MGC13130, MGC16796
Gene Description	dispatched homolog 1 (Drosophila)
Omim ID	607502
Gene Ontology	Hyperlink
Gene Summary	<p>The pattern of cellular proliferation and differentiation that leads to normal development of embryonic structures often depends upon the localized production of secreted protein signals. Cells surrounding the source of a particular signal respond in a graded manner according to the effective concentration of the signal, and this response produces the pattern of cell types constituting the mature structure. A novel segment-polarity gene known as dispatched has been identified in Drosophila and its protein product is required for normal Hedgehog (Hh) signaling. This gene is one of two human homologs of Drosophila dispatched and, based on sequence identity to its mouse counterpart, the encoded protein may play an essential role in Hh patterning activities in the early embryo. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000036011 dispatched A

Disease

- [Tobacco Use Disorder](#)