

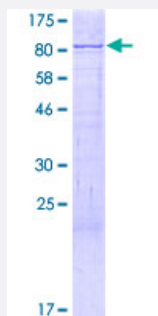
Full-Length

KIFC1 (Human) Recombinant Protein (P01)

Catalog # H00003833-P01

Size 2 ug

Applications



Specification

Product Description

Human KIFC1 full-length ORF (NP_002254.1, 1 a.a. - 673 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPQRSPLLEVKGNIELKRPLIKAPSQLPLSGSRLKRRPDQMEDGLEPEKKRTRGLGATTKITTS
PRVPSLTTPVQTQGQTTAQKVSCKTGPRCSTAIATGLKNQKPVPAVPVQKSGTSGVPPMAGGKK
PSKRPAWDLKGQLCDLNAELKRCRERTQTLQENQQLQDQLRDAQQVKALGTERTTLEGH
KVQAQAEQGGQELKNLRACVLELEERLSTQEGLVQELQKKQVELQEERRGLMSQLEEKERR
TSEAAALSSSQAEVASLRQETVAQAALLTEREERLHGLEMERRLHNLQELKGNIRVFCRVRPVL
PGEPTPPPGLLLFSPGPGGSDPPTRLSLRSRDERGTLGAPAPPPRHDFSFDRLFPPGSGQ
DEVFEEIAMLVQSALDGYPCIFAYGQTGSGKFTMEGGPGGDPQLEGLIPRALRHLFSVAQELS
GQGWTYSFVASVEYNETVRDLLATGTRKGQGGEGEIRRAGPGSEELTVTNARYVPVSCEKEVD
ALLHLARQNRAVARTAQNERSSRSVSVFQLQISGEHSSRGLQCGAPLSLVDLAGSERLDPGLAL
GGERERLRETQAINSSLSTLGLVIMALSNKESHVPYRNSKLTYLLQNSLGGSAKMLMFVNISPLE
ENVSESLNSLRFASKVNQCIGTAQANRK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.1

Interspecies Antigen Sequence

Mouse (78); Rat (79)

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 — KIFC1

Entrez GeneID	3833
GeneBank Accession#	NM_002263.2
Protein Accession#	NP_002254.1
Gene Name	KIFC1
Gene Alias	HSET, KNSL2, MGC1202, MGC149736, MGC149737
Gene Description	kinesin family member C1
Omim ID	603763
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000029296 kinesin-like 2 kinesin-like protein 2 kinesin-related protein HSET

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)