

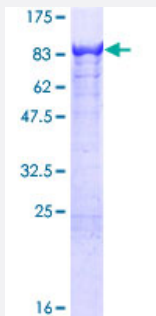
Full-Length

KLC4 (Human) Recombinant Protein (P01)

Catalog # H00089953-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KLC4 full-length ORF (NP_958929.1, 1 a.a. - 619 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSGLVLGQRDEPAGHRLSQEEILGSTRVLSQGLEALRSEHQAVLQSLSQTIECLQQGGHEEGLV
HEKARQLRRSMENIELGLSEAQVMLALASHLSTVESEKQKLRAQVRRRCQENQWLRDELGTQQ
RLQRSEQAVAQLEEEKKHLEFLGQLRQYDEDGHTSEEKEGDATKDSLDDLPNEEEEDPSNGL
SRGQGATAAQGGYEIPARLRTLHNLVIQYAAQGRYEVAVPLCKQALEDLERTSGRGHPDVATML
NILALVYRDQNKYKEAAHLLNDALSIRESTLGPDPVAVAATLNNLAVLYGKRGKYKEAEPLCQRAL
EIREKVLGTNHPDVAKQLNNLALLCQNQGKYEAVERYYQRALAIYEGQLGPDNPNVARTKNNLAS
CYLKQGYAEATLYKEILTRAHVQEFSGVDDDHKPMWMAEEREEMSKSRHHEGGTPYAEYGG
WYKACKVSSPTVNTTLRNLGALYRRQGKLEAAETLEECALRSRRQGTDPISQTKVAELLGESDGR
RTSQEGPGDSVKFEGGEDASVAVEWSGDGSGTLQRSGSLGKIRDVLRSSSELLVRKLQGTEPR
PSSSNMKRAASLNLYNQPSAAPLQVSRGLSASTMDLSSSS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

95

Interspecies Antigen Sequence

Mouse (94); Rat (95)

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 — KLC4

Entrez GeneID	89953
GeneBank Accession#	NM_201521.1
Protein Accession#	NP_958929.1
Gene Name	KLC4
Gene Alias	KNSL8, MGC111777, bA387M24.3
Gene Description	kinesin light chain 4
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000016420 OTTHUMP00000039814 kinesin-like 8