

Product datasheet for **TP310268**

KLC4 (NM_201521) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human kinesin light chain 4 (KLC4), transcript variant 1, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC210268 protein sequence
Red=Cloning site **Green**=Tags(s)

MSGLVLGQRDEPAGHRLSQEEILGSTRLVSQGLEALRSEHQAVLQSLSQTIECLQGGHEEGLVHEKARQ
LRRSMENIELGLSEAQVMLALASHLSTVESEKQKLRAQVRRRCQENQWLRDELAGTQQLRSEQAVAQL
EEEKHLLEFLGQLRQYDEDGHTSEEKEGDATKDSLDDLFPNEEEEDPSNGLSRGQGATAAQGGYEIPAR
LRTLHNLVIQYAAQGRYEAVPLCKQALEDLERTSGRGHPDVATMLNILALVYRDQNKYKEAAHLLNDAL
SIRESTLGPDPHPAVAATLNNLAVLYGKRGKYKEAEPLCQRALEIREKVLGTNHPDVAQLNNLALLCQNQ
GKYEAVERYYYQALAIYEGQLGPDNPNVARTKNNLASCYLKQGYAEAEETLYKEILTRAHVQEFGSVDDD
HKPIWMHAEEREEMSKSRHHEGGTPYAEYGGWYKACKVSSPTVNTTLRNLGALYRRQGGKLEAAETLEECA
LRSRRQGTDPISQTKVAELGSDGRRTSQEGPGDSVKFEGGEDASVAVEWSGDGSGLTLQRSGLGKIRD
VLRRSSELLVRKLGTEPRPSSSNMKRAASLNLYLNQPSAAPLQVSRGLSASTMDLSSSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 68.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

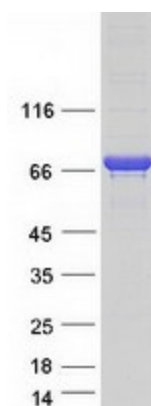
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_958929
Locus ID:	89953
UniProt ID:	Q9NSK0 , A0A024RCZ8
RefSeq Size:	2404
Cytogenetics:	6p21.1
RefSeq ORF:	1857
Synonyms:	bA387M24.3; KNSL8
Summary:	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified KLC4 protein (Cat# TP310268). The protein was produced from HEK293T cells transfected with KLC4 cDNA clone (Cat# [RC210268]) using MegaTran 2.0 (Cat# [TT210002]).