

Native Human Kinesin Light Chain 1

Cat. No. KLC1-5355H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native human KLC1 was purified in Human Bence Jones Urine.
Species	Human
Source	Human Bence Jones Urine
Description	Human KLC1 is an IgG/IgA light chain from an oligoclonal pool. Human KLC1 is a tumor marker of paraproteins in urine and is found primarily in Myeloma.
Form	Lyophilized
Purity	>96% by SDS PAGE.
Storage	2-4°C, 1 year.
Pathways	Arf6 trafficking events; Factors involved in megakaryocyte development and platelet production; Hemostasis; Kinesins; Salmonella infection

GENE INFORMATION

Gene Name	KLC1 kinesin light chain 1 [Homosapiens]
Official Symbol	KLC1
Synonyms	KLC1; kinesin light chain 1; KLC; KNS2; KNS2A; hKLC1J; hKLC1N; hKLC1P;

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hKLC1R; hKLC1S; hKLC1B; hKLC1G; kinesin 2; MGC15245; KLC
 1;OTTHUMP00000240450; OTTHUMP00000240451;
 OTTHUMP00000240452;OTTHUMP00000240453; OTTHUMP00000240454;
 OTTHUMP00000240457;OTTHUMP00000246739; OTTHUMP00000246740;
 OTTHUMP00000246741;OTTHUMP00000246742; OTTHUMP00000246743;
 OTTHUMP00000246744;OTTHUMP00000246745; OTTHUMP00000246746;
 OTTHUMP00000246747; kinesin 260/70kDa; medulloblastoma antigen MU-MB-2.50

Gene ID	3831
mRNA Refseq	NM_005552
Protein Refseq	NP_005543
MIM	600025
UniProt ID	Q07866
Chromosome Location	14q32.3
Function	microtubule motor activity; motor activity; protein binding