

# Native Human Kinesin Light Chain 1

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

## SPECIFICATION

<b>Product Overview</b>	Native human KLC1 was purified in Human Bence Jones Urine.
<b>Species</b>	Human
<b>Source</b>	Human Bence Jones Urine
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Purity</b>	>96% by SDS PAGE.
<b>Storage</b>	2-4°C, 1 year.
<b>Pathways</b>	Arf6 trafficking events; Factors involved in megakaryocyte development and platelet production; Hemostasis; Kinesins; Salmonella infection

## GENE INFORMATION

<b>Gene Name</b>	KLC1 kinesin light chain 1 [ Homosapiens ]
<b>Official Symbol</b>	KLC1
<b>Synonyms</b>	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

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