

Recombinant Human KLC2 Protein, GST-tagged

Cat. No. KLC2-625H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human KLC2 (NP_073733.1) (Met1-Gly622) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).
Species	Human
Source	Insect Cells
ProteinLength	1-622 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human KLC2 consists 859 amino acids and predicts a molecular mass of 96.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name KLC2 kinesin light chain 2 [Homo sapiens]

Official Symbol KLC2

Synonyms KLC2; kinesin light chain 2; FLJ12387; KLC 2;

Gene ID 64837

mRNA Refseq NM_001134774

Protein Refseq NP_001128246

MIM 611729

UniProt ID Q9H0B6

Chromosome Location 11q13.1

Pathway Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem; Salmonella infection, organism-specific biosystem; Salmonella infection, conserved biosystem;

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