

Recombinant Human KLC2 protein(Met1-Gly622), His&GST-tagged

Cat. No. KLC2-1315H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human KLC2 (NP_073733.1) (Met1-Gly622) was expressed in Insect Cells with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).

Species

Human

Source

Insect Cells

ProteinLength

Met1-Gly622

Form

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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 protein as determined by the LAL method.

Purity


> 90 % as determined by SDS-PAGE.

Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 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

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