Recombinant Mouse Kcp Protein, His-tagged

Cat. No. Kcp-1710M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kcp Protein (Val27-Arg242) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val27-Arg242
Description	Acts upstream of or within hematopoietic progenitor cell differentiation and positive regulation of BMP signaling pathway. Located in extracellular space. Orthologous to human KCP (kielin cysteine rich BMP regulator).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.3 kDa Accurate Molecular Mass: 24 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

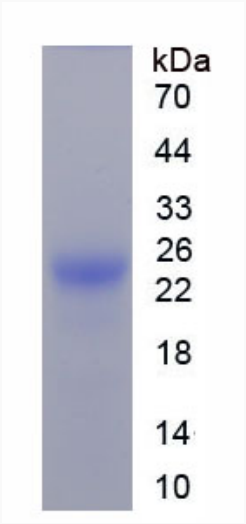
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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Kcp kielin/chordin-like protein [Mus musculus (house mouse)]
Official Symbol	Kcp
Synonyms	Kcp; kielin/chordin-like protein; Crim2; Gm793; KCP-1; CRIM-2; AW060220; kielin/chordin-like protein; cysteine rich BMP regulator 2 (chordin like); cysteine-rich BMP regulator 2; cysteine-rich motor neuron 2 protein; kielin/chordin-like protein 1
Gene ID	333088
mRNA Refseq	NM_001029985
Protein Refseq	NP_001025156
UniProt ID	Q3U492

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