Recombinant Human KLF2 protein, MYC/DDK-tagged

Cat. No. KLF2-185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLF2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Kruppel-like factors (KLFs) are a family of broadly expressed zinc finger transcription factors. KLF2 regulates T-cell trafficking by promoting expression of the lipid-binding receptor S1P1 (S1PR1; MIM 601974) and the selectin CD62L (SELL; MIM 153240) (summary by Weinreich et al., 2009.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	KLF2 Kruppel-like factor 2 (lung) [Homo sapiens]
Official Symbol	KLF2

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Synonyms	KLF2; Kruppel-like factor 2 (lung); Krueppel-like factor 2; LKLF; Kruppel-like factor LKLF; lung krueppel-like factor; lung Kruppel-like zinc finger transcription factor;
Gene ID	10365
mRNA Refseq	NM_016270
Protein Refseq	NP_057354
MIM	602016
UniProt ID	Q9Y5W3
Chromosome Location	19p13.11
Function	metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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