

## Recombinant Human KLF2 protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KLF2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	37.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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

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<b>Synonyms</b>	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;
<b>Gene ID</b>	10365
<b>mRNA Refseq</b>	NM_016270
<b>Protein Refseq</b>	NP_057354
<b>MIM</b>	602016
<b>UniProt ID</b>	Q9Y5W3
<b>Chromosome Location</b>	19p13.11
<b>Function</b>	metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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