

Recombinant Human KLF14 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. KLF14-099H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KLF14 MS Standard C13 and N15-labeled recombinant protein (NP_619638) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This intronless gene encodes a member of the Kruppel-like family of transcription factors. The encoded protein functions as a transcriptional co-repressor, and is induced by transforming growth factor-beta (TGF-beta) to repress TGF-beta receptor II gene expression. This gene exhibits imprinted expression from the maternal allele in embryonic and extra-embryonic tissues.
Molecular Mass	32.9 kDa
AA Sequence	MSAAVACLDYFAAECLVSMAGAVVHRRPPDPEGAGGAAGSEVGAAHPESALPGP GPSGPASVPQLPQVPAPSPGAGGAAPHLLAASVWADLRGSSGEGSWENSGEAPR ASSGFSDPIPCSVQTPCSELAPASGAAAVCAPESSSDAPAVPSAPAAPGAPAAASGG FSGGALGAGPAPAADQAPRRRSVTPAAKRHQCPFGCTKAYYKSSHLKSHQRTHT GERPFSCDWLDCDKKFTRSDELARHYRTHTEKRFSCPLCPKQFSRSDHLTKHAR RHPTYHPDMIEYRGRRRTPRIDPPLTSEVESSASGSGPGPAPSFTTCLSGPTRTRRL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

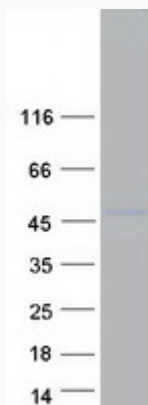
GENE INFORMATION

Gene Name	KLF14 Kruppel like factor 14 [Homo sapiens (human)]
Official Symbol	KLF14
Synonyms	KLF14; Kruppel like factor 14; BTEB5; Krueppel-like factor 14; BTE-binding protein 5; basic transcription element-binding protein 5; transcription factor BTEB5
Gene ID	136259
mRNA Refseq	NM_138693
Protein Refseq	NP_619638
MIM	609393
UniProt ID	Q8TD94

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SDS-PAGE

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