Recombinant Human Krueppel-like factor 12 (KLF12)

Product Code	CSB-BP897495HU
Abbreviation	KLF12
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y4X4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNIHMKRKTI KNINTFENRM LMLDGMPAVR VKTELLESEQ GSPNVHNYPD MEAVPLLLNN VKGEPPEDSL SVDHFQTQTE PVDLSINKAR TSPTAVSSSP VSMTASASSP SSTSTSSSSS SRLASSPTVI TSVSSASSSS TVLTPGPLVA SASGVGGQQF LHIIHPVPPS SPMNLQSNKL SHVHRIPVVV QSVPVVYTAV RSPGNVNNTI VVPLLEDGRG HGKAQMDPRG LSPRQSKSDS DDDDLPNVTL DSVNETGSTA LSIARAVQEV HPSPVSRVRG NRMNNQKFPC SISPFSIEST RRQRRSESPD SRKRRIHRCD FEGCNKVYTK SSHLKAHRRT HTGEKPYKCT WEGCTWKFAR SDELTRHYRK HTGVKPFKCA DCDRSFSRSD HLALHRRRHM LV
Source	Baculovirus
Target Names	KLF12
Protein Names	Recommended name: Krueppel-like factor 12 Alternative name(s): Transcriptional repressor AP-2rep
Expression Region	1-402
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. This protein is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.