

Product datasheet

Recombinant Human KLF4 protein ab91256

製品の概要

製品名	Recombinant Human KLF4 protein
タンパク質長	Protein fragment

製品の詳細

由来	Recombinant
由来	HEK 293 cells

アミノ酸配列

生物種	Human
配列	MAVSDALLPS FSTFASGPAG REKTLRQAGA PNNRWREELS HMKRLPPVLP GRPYDLAAAT VATDLESGGA GAACGGSNLA PLPRRETEEF NDLLDLDFIL SNSLTHPPES VAATVSSSAS ASSSSSPSSS GPASAPSTCS FTYPIRAGND PGVAPGGTGG GLLYGRESAP PPTAPFNLAD INDVSPSGGF VAELLRPELD PVYIPPQQPQ PPGGGLMGKF VLKASLSAPG SEYGSPSVIS VSKGSPDGSV PVVVAPYNGG PPRTCPKIKQ EAVSSCTHLG AGPPLSNGHR PAAHDFPLGR QLPSRTTPTL GLEEVLSRD CHPALPLPPG FHPHPGPNYP SFLPDQMPPQ VPPLHYQELM PPGSCMPEEP KPKRGRRSWP RKRTATHTCD YAGCGKTYTK SSKLKAHLRT HTGKPYHCD WDGCGWK FAR SDELTRHYRK HTGHRPFQCQ KCDRAFSRSD HLALHMKRHF GGYGRKKRRQ RRR

分子量	52 kDa
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領域	10 to 479
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配列の追加情報	ab91256 is a 483 amino acid protein, including a 13-residue C- term TAT peptide. ab91256 is a mixture of the expected sequence beginning at Met1 and a truncated isoform beginning at Tyr54.
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特性

Our [Abpromise guarantee](#) covers the use of **ab91256** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
エンドトキシン・レベル	< 0.100 Eu/μg
精製度	> 90 % SDS-PAGE. Purity greater than 90% by SDS-PAGE gel and HPLC analyses
製品の状態	Lyophilised
備考	Endotoxin level is less than 0.1 ng per μg (1EU/μg).

前処理および保存

保存方法および安定性	Shipped at 4°C.
再構成	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C; for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C; to -80°C;

関連情報

機能	Transcription factor; can act both as activator and as repressor. Binds the 5'-CACCC-3' core sequence. Binds to the promoter region of its own gene and can activate its own transcription. Regulates the expression of key transcription factors during embryonic development. Plays an important role in maintaining embryonic stem cells, and in preventing their differentiation. Required for establishing the barrier function of the skin and for postnatal maturation and maintenance of the ocular surface. Involved in the differentiation of epithelial cells and may also function in skeletal and kidney development. Contributes to the down-regulation of p53/TP53 transcription.
配列類似性	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.
ドメイン	the 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.
細胞内局在	Nucleus.

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