

## 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/ $\mu$ g
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 $\mu$ g (1EU/ $\mu$ g).

#### 前処理および保存

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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

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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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

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