

Datasheet for ABIN7548718
KLF5 Protein (AA 1-457) (His tag)



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Overview

Quantity:	1 mg
Target:	KLF5
Protein Characteristics:	AA 1-457
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLF5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat KLF5 Protein expressed in mammalian cells.
Sequence:	<p>MATRVLSMSA RLGPVPQPPA PQDEPVFAQL KPVLGAA NPA RDAALFPGEE LKHAHHRPQA</p> <p>QPAPAQAPQP AQPPATGPRL PPEDLVQTRC EMEKYLTPQL PPVPIPEHK KYRRDSASVV</p> <p>DQFFTDTEGL PYSINMNVFL PDITHLRTGL YKSQRPCVTH IKTEPVAIFS HQSETTAPPP</p> <p>APTQALPEFT SIFSSHQTAA PEVNNIFIKQ ELPTPDLHLS VPTQQGHLYQ LLNTPDLDM P</p> <p>SSTNQTAAMD TLNVMSAAM AGLNTHTS AV PQTAVKQFQG MPPCTYTMPS QFLPQQATYF</p> <p>PPSPPSSEPG SPDRQA EMLQ NLTPPPSYAA TIASKLAIHN PNLPTTL PVN SQNIQPVRYN</p> <p>RRSNPDLEKR RIHYCDYPGC TKVYTKSSHL KAHLRTH TGE KPYKCTWEGC DWR FARSDEL</p> <p>TRHYRKHTGA KPFQCGVCNR SFSRSDHLAL HMKRHQN Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	KLF5
Alternative Name:	KLF5 (KLF5 Products)
Background:	Krueppel-like factor 5 (Basic transcription element-binding protein 2) (BTE-binding protein 2) (Colon krueppel-like factor) (GC-box-binding protein 2) (Intestinal-enriched krueppel-like factor) (Transcription factor BTEB2),FUNCTION: Transcription factor that binds to GC box promoter elements. Activates the transcription of these genes.
Molecular Weight:	50.8 kDa
UniProt:	Q13887

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months