

Datasheet for ABIN7548823
KLF16 Protein (AA 1-252) (His tag)



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Overview

Quantity:	1 mg
Target:	KLF16
Protein Characteristics:	AA 1-252
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLF16 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat KLF16 Protein expressed in mammalian cells.
Sequence:	<p>MSAAVACVDY FAADVLMAS SGAVVHRGRP GPEGAGPAAG LDVRAARREA ASPGTPGPPP</p> <p>PPPAASGPGP GAAAAPHLLA ASILADLRGG PGAAPGGASP ASSSSAASSP SSGRAPGAAP</p> <p>SAAAKSHRCP FPDCAKAYYK SSHLKSHLRT HTGERPFACD WQGCDKKFAR SDELARHHRT</p> <p>HTGEKRFSCP LCSKRFTRSD HLAKHARRHP GFHPDLLRRP GARSTSPSDS LPCSLAGSPA</p> <p>PSPAPSPAPA GL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <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

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: KLF16

Alternative Name: KLF16 ([KLF16 Products](#))

Background: Krueppel-like factor 16 (Basic transcription element-binding protein 4) (BTE-binding protein 4) (Novel Sp1-like zinc finger transcription factor 2) (Transcription factor BTEB4) (Transcription factor NSLP2),FUNCTION: Transcription factor that binds GC and GT boxes and displaces Sp1 and Sp3 from these sequences. Modulates dopaminergic transmission in the brain (By similarity). {ECO:0000250}.

Molecular Weight: 25.4 kDa

UniProt: [Q9BXK1](#)

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