

Datasheet for ABIN7544159
TAL1 Protein (AA 1-331) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TAL1
Protein Characteristics:	AA 1-331
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TAL1 Protein expressed in mammalian cells.
Sequence:	<p>MTERPPSEAA RSDPQLEGRD AAEASMAPPH LVLLNGVAKE TSRAAAAEPV VIELGARGGP</p> <p>GGGPAGGGGA ARDLKGRDAA TAEARHRVPT TELCRPPGPA PAPAPASVTA ELPGDGRMVQ</p> <p>LSPPALAAPA APGRALLYSL SQPLASLGSG FFGEPAFPM FTTNNRVKRR PSPYEMEITD</p> <p>GPHTKVVRRI FTNSRERWRQ QNVNGAFEL RKLIPHTPPD KKLSKNEILR LAMKYINFLA</p> <p>KLLNDQEEEG TQRAKTGKDP VVGAGGGGGG GGGGAPPDDL LQDVLSPNSS CGSSLDGAAS</p> <p>PDSYTEEPAP KHTARSLHPA MLPAADGAGP R 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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).

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TAL1
Alternative Name:	TAL1 (TAL1 Products)
Background:	T-cell acute lymphocytic leukemia protein 1 (TAL-1) (Class A basic helix-loop-helix protein 17) (bHLHa17) (Stem cell protein) (T-cell leukemia/lymphoma protein 5),FUNCTION: Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation (By similarity). {ECO:0000250, ECO:0000269 PubMed:1396592}.
Molecular Weight:	34.3 kDa
UniProt:	P17542
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	We expect the protein to work for functional studies. 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