

Datasheet for ABIN7557748

RUNX1T1 Protein (AA 1-577) (His tag)



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Overview

Quantity:	1 mg
Target:	RUNX1T1
Protein Characteristics:	AA 1-577
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RUNX1T1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Runx1t1 Protein expressed in mammalian cells.
Sequence:	<p>MPDRTEKHST MPDSPVDVKT QSRLTPPAMP PPPTTQGAPR TSSFTPTTLT NGTSHSPTAL NGAPSPPNGF SNGPSSSSSS SLANQQLPPA CGARQLSKLK RFLTTLQQFG NDISPEIGER VRTLVLGLVN STLTIEEFHS KLQEATNFPL RPFVIPFLKA NLPLLQRELL HCARLAKQNP AQYLAQHEQL LLDASTTSPV DSSELLLDVN ENGKRRTDPDR TKENGFDREP LHSEHPSKRP CTISPGQRY S PNNGLSYQPN GLPHPTPPPP QHYRLDDMAI AHHYRDSYRH PSHRDLRDRN RPMGLHGTRQ EEMIDHRLTD REWAEWKHL DHLLNCIMDM VEKTRRSLTV LRRQCQADRE ELNYWIRRY S DAEDLKKGGS SSSSHSRQQS PVNPDPVALD AHREFLHRPA SGYVP E EIWK KAE EAVNEVK RQAMTELQKA VSEAERKAHD MITTERAKME RTVAEAKRQA AEDALAVINQ QEDSSSESCWN CGRKASETCS GCNTARYCGS FCQHKDWEKH HHICGQTLQA PQQGDTPAVS SSVTPSSGAG SPMDTPPAAT PRSTTPGTPS TIETTPR</p> <p>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</p>

contact us.

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:**

- 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: RUNX1T1

Alternative Name: Runx1t1 ([RUNX1T1 Products](#))

Background: Protein CBFA2T1 (Protein MTG8),FUNCTION: Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes. Can repress the expression of MMP7 in a ZBTB33-dependent manner. Can repress transactivation mediated by TCF12 (By similarity). Acts as a negative regulator of adipogenesis (PubMed:23527555). {ECO:0000250|UniProtKB:Q06455, ECO:0000269|PubMed:23527555}.

Molecular Weight: 64.3 kDa

UniProt: [Q61909](#)

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