

Datasheet for ABIN7553001
CBX8 Protein (AA 1-389) (His tag)



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Overview

Quantity:	1 mg
Target:	CBX8
Protein Characteristics:	AA 1-389
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CBX8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CBX8 Protein expressed in mammalian cells.
Sequence:	MELSAVGERV FAAEALLKRR IRKGRMEYLV KWKGWSQKYS TWEPEENILD ARLLAAFEER EREMELYGPK KRGPKPKTFL LKAQAKAKAK TYEFRSDSAR GIRIPYGRS PQDLASTSRA REGLRNMGLS PPASSTSTSS TCRAEAPRDR DRDRDRDRER DRERERERER ERERERERER GTSRVDDKPS SPGDSSKKRG PKPRKELPDP SQRPLGEPSA GLGEYLKGRK LDDTPSGAGK FPAGHSVIQL ARRQSDLVQ CGVTSPSSAE ATGKLAVDTF PARVIKHRAA FLEAKGQGAL DPNGTRVRHG SGPPSSGGGL YRDMGAQGGP PSLIARIPVA RILGDPEEES WSPSLTNLEK VVVDVTSNF LTVTIKESNT DQGGFFKEKR 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.
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.

Product Details

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:

CBX8

Alternative Name:

CBX8 ([CBX8 Products](#))

Background:

Chromobox protein homolog 8 (Polycomb 3 homolog) (Pc3) (hPc3) (Rectachrome 1),FUNCTION: Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. {ECO:0000269|PubMed:21282530}.

Molecular Weight:

43.4 kDa

UniProt:

[Q9HC52](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
