

Product datasheet

Recombinant Human CBX2 protein ab198759

1 Image

Description

Product name	Recombinant Human CBX2 protein	
Purity	>= 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	Q14781	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MHHHHHHEELSSVGEQVFAAECILSKRLRKKGKLEYLVKW RGWSSKHNSWE PEENILDPRLLLAFAQKKEHEKEVQNRKRGKRPRGRPRKLT AMSSCS	
Predicted molecular weight	11 kDa including tags	
Amino acids	2 to 90	
Tags	His tag N-Terminus	
Additional sequence information	NM_005189.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab198759** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

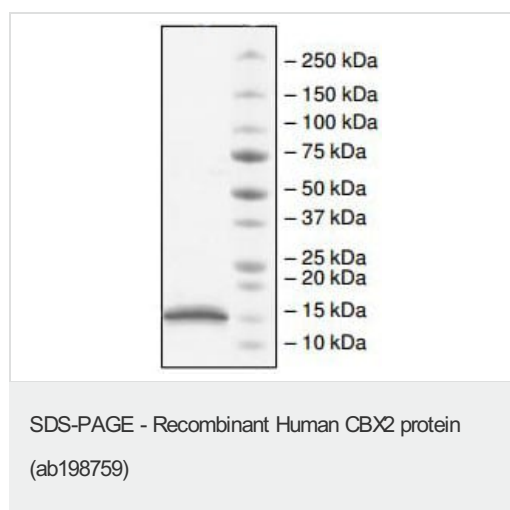
Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.
 pH: 8.00
 Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.04% Tween, 20% Glycerol

General Info

Function	Component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex 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. Involved in sexual development, acting as activator of NR5A1 expression.
Involvement in disease	Defects in CBX2 are the cause of 46,XY sex reversal type 5 (SRXY5) [MIM:613080]. It is a disorder of sex development. Affected individuals have a 46,XY karyotype but present as phenotypically normal females.
Sequence similarities	Contains 1 A.T hook DNA-binding domain. Contains 1 chromo domain.
Cellular localization	Nucleus.

Images



4-20% SDS-PAGE analysis of 2 µg ab198759 with Coomassie staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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