

## Datasheet for ABIN7562758 CBR2 Protein (AA 1-244) (His tag)



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### Overview

Quantity:	1 mg
Target:	CBR2
Protein Characteristics:	AA 1-244
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CBR2 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Cbr2 Protein expressed in mammalian cells.
Sequence:	<p>MKLNFSGLRA LVTGAGKGIG RDTVKALHAS GAKVVAVTRT NSDLVSLAKE CPGIEPVCVD  LGDWDATEKA LGGIGPVDLL VNNAALVIMQ PFLEVTKAEF DRFSVNLRS VFQVSQMVAR  DMINRGVPGS IVNVSSMVAH VTFPNLITYS STKGAMTMLT KAMAMELGPH KIRVNSVNPT  VVLTDMGKKV SADPEFARKL KERHPLRKFA EVEDVNSIL FLLSDRSAST SGGGILVDAG YLAS</p> <p><b>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.</b></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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>

## Product Details

- 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:	CBR2
Alternative Name:	Cbr2 ( <a href="#">CBR2 Products</a> )
Background:	Carbonyl reductase [NADPH] 2 (EC 1.1.1.184) (Adipocyte protein P27) (AP27) (Lung carbonyl reductase) (LCR) (NADPH-dependent carbonyl reductase 2),FUNCTION: May function in the pulmonary metabolism of endogenous carbonyl compounds, such as aliphatic aldehydes and ketones derived from lipid peroxidation, 3-ketosteroids and fatty aldehydes, as well as in xenobiotic metabolism. {ECO:0000269 PubMed:7705352}.
Molecular Weight:	26.0 kDa
UniProt:	<a href="#">P08074</a>

## 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