

Datasheet for ABIN7546726  
**COG2 Protein (AA 1-738) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	COG2
Protein Characteristics:	AA 1-738
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COG2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant COG2 Protein expressed in mammalian cells.
Sequence:	MEKSRMNLPK GPDTLCFDKD EFMKEDFDVD HFVSDCRKRV QLEELRDDLE LYYKLLKTAM VELINKDYAD FVNLSTNLVG MDKALNQLSV PLGQLREEVL SLRSSVSEGI RAVDERMSKQ EDIRKKKMCV LRLIQVIRSV EKIEKILNSQ SSKETSALEA SSPLLTGQIL ERIATEFNQL QFHAVQSKGM PLLDKVRPRI AGITAMLQQS LEGLLLEGLQ TSDVDIIRHC LRTYATIDKT RDAEALVGQV LVKPYIDEVI IEQFVESHNP GLQVMYNKLL EFVPHHCRL REVTGGAISS EKGNTVPGYD FLVNSVWPQI VQGLEEKLP LFNPGNPDAF HEKYTISMDF VRRLERQCGS QASVKRLRAH PAYHSFNKKW NLPVYFQIRF REIAGSLEAA LTDVLEDAPA ESPYCLLASH RTWSSLRRCW SDEMFLPLL HRLWRLTLQI LARYSVFVNE LSLRPISNES PKEIKKPLVT GSKEPSITQG NTEDQSGGPS ETKPVVSISR TQLVYVADL DKLQEQLPEL LEIIPKLEM IGFKNFSSIS AALEDSSSF SACVPSLSSK IIQDLSDCF GFLKSALEVP RLYRRTNKEV PTTASSYVDS ALKPLFQLQS GHKDKLKQAI IQQWLEGLS ESTHKYYETV SDVLNSVKKM EESLKRLLKQA RKTTPANPVG PSGGMSDDDK IRLQLALDVE YLGEQIQKLG LQASDIKSFS

## Product Details

---

ALAELVAAAK DQATAEQP **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.

**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:** COG2

**Alternative Name:** COG2 ([COG2 Products](#))

**Background:** Conserved oligomeric Golgi complex subunit 2 (COG complex subunit 2) (Component of oligomeric Golgi complex 2) (Low density lipoprotein receptor defect C-complementing protein),FUNCTION: Required for normal Golgi morphology and function.

**Molecular Weight:** 83.2 kDa

**UniProt:** [Q14746](#)

## 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

---