

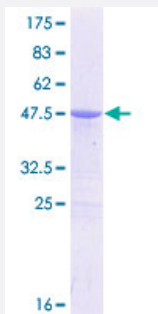
Full-Length

CDO1 (Human) Recombinant Protein (P01)

Catalog # H00001036-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDO1 full-length ORF (NP_001792.2, 1 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEQTEVLKPRTLADLIRILHQLFAGDEVNVEEVQAIMEAYESDPTIEWAMYAKFDQYRYTRNLVDQ
GNGKFNLMLCWGEGHGSSIHDTNSHCFLKMLQGKLNKETFAPWDKKSNEVMKKSERVLREN
QCA YINDSIGLHRVENISHTEPVSLHLYSPPFDTCHAFDQRTGHKNKVTMTFHSKFGIRTPNATSG
SLENN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

49.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDO1

Entrez GeneID	1036
---------------	----------------------

GeneBank Accession#	NM_001801.2
---------------------	-----------------------------

Protein Accession#	NP_001792.2
--------------------	-----------------------------

Gene Name	CDO1
-----------	------

Gene Alias	-
------------	---

Gene Description	cysteine dioxygenase, type I
------------------	------------------------------

Omim ID	603943
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary	O
--------------	---

Other Designations	-
--------------------	---

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)
- [Taurine and hypotaurine metabolism](#)