

Recombinant Human CYBRD1 Protein

Cat. No. CYBRD1-2223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYBRD1 full-length ORF (ADR82645.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the cytochrome b(561) family that encodes an iron-regulated protein. It highly expressed in the duodenal brush border membrane. It has ferric reductase activity and is believed to play a physiological role in dietary iron absorption. [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	31.5 kDa
AA Sequence	MAMEGYWRFLALLGSALLVGFLSVIFALVWVLHYREGLGWDGSALEFNWHPVLMV TGFVFIQGI AIIYRLPWTWKCSKLLMKS IHAGLNAVAAILAIISVVAVFENHNVNNIAN MYSLHSWVGLIAVICYLLQLLSGFSVFLLPWAPLSLRAFLMPIHVYSGIVIFGTVIATAL MGLTEKLIFSLRDPAYSTFPPEGVFVNTLGLLLLVFGALIFWIVTRPQWKRPKEPNSTI LHPNGGTEQGARGSM PAYSGNNMDKSDSELNNEVAARKRNLALDEAGQRSTM
Applications	Antibody Production Functional Study Compound Screening

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Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	CYBRD1 cytochrome b reductase 1 [Homo sapiens]
Official Symbol	CYBRD1
Synonyms	CYBRD1; cytochrome b reductase 1; DCYTB; ferric chelate reductase 3; FLJ23462; FRRS3; duodenal cytochrome b; ferric-chelate reductase 3;
Gene ID	79901
mRNA Refseq	NM_001127383
Protein Refseq	NP_001120855
MIM	605745
UniProt ID	Q53TN4

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