

Product datasheet for **TP309455M**

Cytochrome b reductase 1 (CYBRD1) (NM_024843) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytochrome b reductase 1 (CYBRD1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209455 protein sequence Red =Cloning site Green =Tags(s)

MAMEGYWRFLALLGSALLVGFLSVIFALVWVLHYREGLGWDGSALEFNWHPVLMVTGFVFIQGIIVYR
LPWTWKCSKLLMKSIAHAGLNAVAAILAISVAVFENHNVNNIANMYSLSHWVGLIIVICVLLQLLSGFS
VLLPWAPLSLRAFLMPIHVYSGVIFGTVIATALMGLTEKLIFSLRDPAYSTFPPEGVFNLTGLLILV
FGALIFWIVTRPQWKRPKEPNSTILHPNGGTEQGARGSMPAYSGNNDKSDSELNNEVAARKRNALDEA
GQRSTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	31.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079119
Locus ID:	79901



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UniProt ID: [Q53TN4](#)

RefSeq Size: 4390

Cytogenetics: 2q31.1

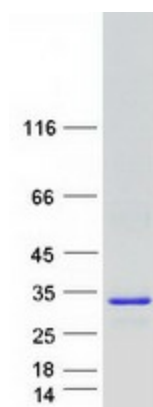
RefSeq ORF: 858

Synonyms: CYB561A2; DCYTB; FRRS3

Summary: 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]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CYBRD1 protein (Cat# [TP309455]). The protein was produced from HEK293T cells transfected with CYBRD1 cDNA clone (Cat# [RC209455]) using MegaTran 2.0 (Cat# [TT210002]).