

Recombinant Full Length Human CBR4 Protein, GST-tagged

Cat. No. CBR4-2775HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CBR4 full-length ORF (AAH21973.1, 1 a.a. - 237 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	237 amino acids
Description	CBR4 (Carbonyl Reductase 4) is a Protein Coding gene. Diseases associated with CBR4 include Horner's Syndrome. Among its related pathways are Metabolism and Regulation of lipid metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha). GO annotations related to this gene include oxidoreductase activity and NADPH binding. An important paralog of this gene is HSD17B8.
Molecular Mass	51.7 kDa
AA Sequence	MDKVCAVFGGSRGIGRAVAQLMARKGYRLAVIARNLEGAKAAAGDLGGDHLAFSC DVAKEHDVQNTFEEMEKHLGRVNFLVNAAGINRDGLLVRTKTEDMVSQQLHTNLLGS MLTCKAAMRTMIQQQGSIVNVGSIVGLKGNSGQSVYSASKGGLVGFSRALAKEVA RKKIRVNVVAPGFVHTDMTKDLKEEHLKKNIPGRFGETIEVAHAVVFLLESPYITGH VLVVDGGLQLIL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name CBR4 carbonyl reductase 4 [Homo sapiens]

Official Symbol CBR4

Synonyms

CBR4; carbonyl reductase 4; carbonyl reductase family member 4; FLJ14431; SDR45C1; short chain dehydrogenase/reductase family 45C; member 1; carbonic reductase 4; quinone reductase CBR4; 3-oxoacyl-[acyl-carrier-protein] reductase; short chain dehydrogenase/reductase family 45C, member 1;

Gene ID 84869

mRNA Refseq NM_032783

Protein Refseq NP_116172

MIM 619394

UniProt ID Q8N4T8

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