

Recombinant Human CBR1 protein, GST-tagged

Cat. No. CBR1-2642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBR1 protein(P16152)(2-277aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-277aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.2 kDa
AA Sequence	SSGIHVALVTGGNKGIGLAIVRDLCLFSGDVLTARDVTRGQAAVQQLQAEGLSPR FHQLDIDDLQSIRALRDFLRKEYGGDLVLVNNAGIAFKVADPTPFHIQAEVTMKTNFF GTRDVCTELLPLIKPQGRVVNVSSIMSVRLKSCSPELQQKFRSETITEEELVGLMNK FVEDTKKGVHQKEGWPSSAYGVTKIGVTVLSRIHARKLSEQRKGDKILLNACCPGW VRTDMAGPKATKSPEEGAETPVYLALLPPDAEGPHGQFVSEKRVEQW
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name CBR1 carbonyl reductase 1 [Homo sapiens]

Official Symbol CBR1

Synonyms

CBR1; carbonyl reductase 1; CBR; carbonyl reductase [NADPH] 1; SDR21C1; short chain dehydrogenase/reductase family 21C; member 1; carbonyl reductase (NADPH) 1; prostaglandin 9-ketoreductase; prostaglandin-E(2) 9-reductase; NADPH-dependent carbonyl reductase 1; 15-hydroxyprostaglandin dehydrogenase; short chain dehydrogenase/reductase family 21C, member 1; hCBR1;

Gene ID 873

mRNA Refseq NM_001757

Protein Refseq NP_001748

MIM 114830

UniProt ID P16152

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