

## Product datasheet for PH304950

### CBR1 (NM\_001757) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CBR1 MS Standard C13 and N15-labeled recombinant protein (NP_001748)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204950
Predicted MW:	30.4 kDa
Protein Sequence:	>RC204950 protein sequence Red=Cloning site Green=Tags(s)
	MSSGIHVALVTGGNKGIGLAIVRDLCRLFSGDVVLTARDVTRGQAAVQQLQAEGLSPRFHQLDIDDLQSI RALRDFLRKEYGGLDVLVNNAGIAFKVADPTPFHIQAEVTMKTNFFGTRDVCTELLPLIKPQGRVNVSS IMSVRALKSCSPELQQKFRSETITEEELVGLMKNFVEDTKKGVHQKEGWPSSAYGVTKIGVTVLSRIHAR KLSEQRKGDKILLNACCPGWRTDMAGPKATKSPEEGAE TPVYLALLPPDAEGPHGQFVSEKRVEQW
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001748</a>
RefSeq Size:	1321
RefSeq ORF:	831
Synonyms:	CBR; hCBR1; PG-9-KR; SDR21C1
Locus ID:	873
UniProt ID:	<a href="#">P16152</a> , <a href="#">A0A384NL53</a>



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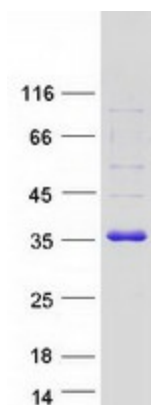
**Cytogenetics:** 21q22.12

**Summary:** The protein encoded by this gene belongs to the short-chain dehydrogenases/reductases (SDR) family, which function as NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds, such as quinones, prostaglandins, and various xenobiotics. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2013]

**Protein Families:** Druggable Genome

**Protein Pathways:** Arachidonic acid metabolism, Metabolic pathways

### Product images:



Coomassie blue staining of purified CBR1 protein (Cat# [TP304950]). The protein was produced from HEK293T cells transfected with CBR1 cDNA clone (Cat# [RC204950]) using MegaTran 2.0 (Cat# [TT210002]).