

Recombinant Human CRABP1 protein, GST-tagged

Cat. No. CRABP1-3675H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRABP1 protein(1-137 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-137 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MPNFAGTWKMRSSNFDELLKALGVNAMLRKVAVAAASKPHVEIRQDGDQFYIKTS TTVRTTEINFKVGEGFEEETVDGRKCRSLATWENENKIHCTQTLLEGDGPKTYWTS ELANDELILTFGADDVVCTRIYVRE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CRABP1 cellular retinoic acid binding protein 1 [Homo sapiens]
Official Symbol	CRABP1
Synonyms	CRABP1; cellular retinoic acid binding protein 1; cellular retinoic acid binding protein 1 , RBP5; cellular retinoic acid-binding protein 1; CRABP; CRABP I; CRABPI; cellular retinoic acid-binding protein I; RBP5; CRABP-I;
Gene ID	1381
mRNA Refseq	NM_004378
Protein Refseq	NP_004369
MIM	180230
UniProt ID	P29762

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