

Recombinant Human OCA2 protein, His-tagged

Cat. No. OCA2-2919H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OCA2 protein(1-174 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-174 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MHLEGRDGRRYPGAPAVELLQTSVPSGLAELVAGKRRLPRGAGGADPSHSCPRGA AGQSSWAPAGQEFASFLTGRSHSSLPQMSSSRKSDSCFTENTPLLRNSLQEKGS RCIPVYHPEFITAEESWEDSSADWERRYLLSREVSGLSASASSEKGDLLDSPHIRLR LSKLRRRC
Purity	95%, 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
-----------------------	---

GENE INFORMATION

Gene Name	OCA2 oculocutaneous albinism II [Homo sapiens]
Official Symbol	OCA2
Synonyms	OCA2; oculocutaneous albinism II; D15S12, EYCL2, EYCL3, eye color 2 (central brown) , eye color 3 (brown) , oculocutaneous albinism II (pink eye dilution (murine) homolog) , oculocutaneous albinism II (pink eye dilution homolog, mouse) , P; P protein; BEY; BEY1; BEY2; EYCL; melanocyte specific transporter protein; eye color 3 (brown); hair color 3 (brown); eye color 2 (central brown); total brown iris pigmentation; pink-eyed dilution protein homolog; melanocyte-specific transporter protein; oculocutaneous albinism II (pink-eye dilution homolog, mouse); P; PED; BOCA; HCL3; EYCL2; EYCL3; SHEP1; D15S12;
Gene ID	4948
mRNA Refseq	NM_000275
Protein Refseq	NP_000266
MIM	611409
UniProt ID	Q04671

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA