

Recombinant Human BCMO1 Protein, GST-tagged

Cat. No. BCMO1-171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCMO1 partial ORF (NP_059125.2, 254 a.a. - 353 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Vitamin A metabolism is important for vital processes such as vision, embryonic development, cell differentiation, and membrane and skin protection. The protein encoded by this gene is a key enzyme in beta-carotene metabolism to vitamin A. It catalyzes the oxidative cleavage of beta,beta-carotene into two retinal molecules. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.74 kDa
AA Sequence	RLDILKMATAYIRMSWASCLAFHREEKTYIHIIIDQRTTRQPVQTKFYTGAMVVFHHVN AYEEDGCIVFDVIAYEDNSLYQLFYLANLNQDFKENSRLTSV
Notes	Best use within three months from the date of receipt of this protein.
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.

 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

GENE INFORMATION

Gene Name BCMO1 beta-carotene 15,15-monooxygenase 1 [Homo sapiens]

Official Symbol BCMO1

Synonyms BCMO1; beta-carotene 15,15-monooxygenase 1; BCDO, BCDO1, beta carotene 15, 15 dioxygenase 1; beta,beta-carotene 15,15-monooxygenase; BCMO; FLJ10730; beta-carotene dioxygenase 1; beta-carotene 15, 15-dioxygenase 1; BCO; BCDO; BCO1; BCDO1;

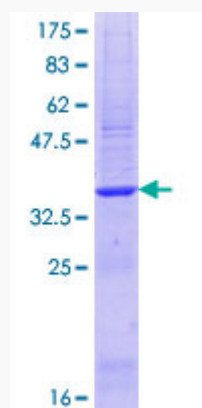
Gene ID 53630

mRNA Refseq NM_017429

Protein Refseq NP_059125

MIM 605748

UniProt ID Q9HAY6



 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