

Recombinant Human BCMO1 Protein

Catalog #	Source	Reactivity	Applications
CRP1110	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human BCMO1 Protein is produced by our mammalian expression system and the target gene encoding Met1-Thr547 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μM filtered solution of 50mM Tris-HCl, 10mM reduced Glutathione, pH 8.0.
Gene Symbol	BCMO1
Alternative Names	BCDO; BCDO1; Betabeta-carotene 1515'-monooxygenase; Beta-carotene dioxygenase 1
Entrez Gene	53630 (Human)
SwissProt	Q9HAY6 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	MDIIFGRNRK EQLEPVRAKV TGKIPAWLQG TLLRNGPGMH TVGESRYNHW FDGLALLHSF TIRDGEVYYR SKYLRSDTYN TNIEANRIVV SEFGTMAYPD PCKNIFSKAF SYLSHTIPDF TDNCLINIMK CGEDFYATSE TNYIRKINPQ TLETLEKVDY RKYVAVNLAT SHPHYDEAGN VLNMGTSIVE KGKTKYVIFK IPATVPEGKK QGKSPWKHTE VFCSIPSRSL LSPSYHSFG VTENYVIFLE QPFRDLILKM ATAYIRSMSW ASCLAFHREE KTYIHIIIDQR TRQPVQTKFY TDAMVVFHHV NAYEEDGCIV FDVIAYEDNS LYQLFYLANL NQDFKENSRL TSVPTLRRFA VPLHVDKNAE VGTNLIKVAS TTATALKEED GQVYCQPEFL YEGLELPRVN YAHNGKQYRY VFATGVQWSP IPTKIIKYDI LTKSSLKWRE DDCWPAEPLF VPAPGAKDED DGVILSAIVS TDPQKLPFL ILDAKSFTTEL ARASVDVDMH MDLHGLFITD MDWDTKKQAA SEEQRDRASD CHGAPLTVDH HHHHH

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com