

Recombinant Arabidopsis Thaliana CBL Protein (70-464 aa), His-SUMO-tagged

Cat. No. CBL-1801A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis Thaliana (Mouse-ear cress) CBL Protein (70-464 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Arabidopsis Thaliana
Source	E.coli
ProteinLength	70-464 aa
Description	L-cystathionine + H ₂ O = L-homocysteine + NH ₃ + pyruvate.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	46.9 kDa
AA Sequence	NNTTDSLNTMNIKEEASVSTLLVNLDNKFDPFDAMSTPLYQTATFKQPSAIENGPYD YTRSGNPTRDALESLLAKLDKADRAFCFTSGMAALSAVTHLIKNGEEIVAGDDVYGG SDRLLSQVVPRSGVVVKRVNTTKLDEVAAAIGPQTKLVWLESPTNPRQQISDIRKISE MAHAQGALVLVDNSIMSPVLSRPLELGADIVMHSATKFIAGHSDVMAGVLAVKGEKL AKEVYFLQNSEGSGLAPFDCWLCLRGIKTMALRIEKQQENARKIAMYLSSHPRVKKV YYAGLPDHPGHHLHFSQAKGAGSVFSFITGSVALSKHLVETTKYFSIAVSFGSVKSLI SMPCFMSHASIPAEVREARGLTEDLVRISAGIEDVDDLISDLIDIAFKTFPL

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

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

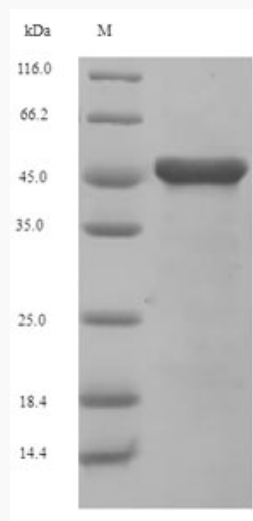
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	CBL cystathionine beta-lyase [Arabidopsis thaliana (thale cress)]
Official Symbol	CBL
Synonyms	cystathionine beta-lyase;
Gene ID	824872
UniProt ID	P53780

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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