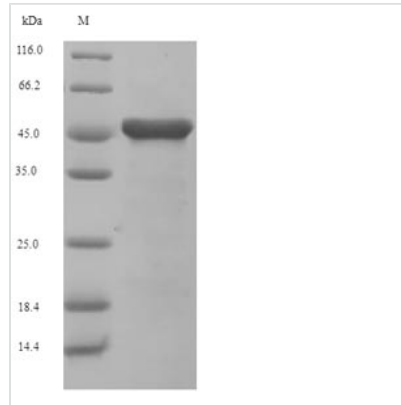




Recombinant Arabidopsis thaliana Cystathionine beta-lyase, chloroplastic (At3g57050)

Product Code	CSB-EP345319DOA
Relevance	L-cystathionine + H ₂ O = L-homocysteine + NH ₃ + pyruvate.
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P53780
Storage Buffer	Tris-based buffer, 50% glycerol
Alias	Short name: CBL Alternative name(s): Beta-cystathionase Cysteine lyase
Product Type	Recombinant Protein
Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	NNTTDSLNTMNIKEEASVSTLLVNLDNKFDPFDAMSTPLYQTATFKQPSAIENG PYDYTRSGNPTRDALESLLAKLDKADRAFCFTSGMAALSAVTHLIKNGEEIVAG DDVYGGSDRLLSQVVPRSGVVVKRVNTTKLDEVAAAIGPQTKLVWLESPTNP RQQISDIRKISEMAHAQ GALVLVDNSIMSPVLSRPLELGADIVMHSATKFIAGHS DVMAGVLAVKGEKLAKEVYFLQNSEGSLAPFDCWLCLRGIKTMALRIEKQQE NARKIAMYLSSHPRVKKVYYAGLPDHPGHHLHFSQAKGAGSVFSFITGSVALS KHLVETTKYFSIAVSFGSVKSLISMPCFMSHASIPAEVREARGLTEDLVRISAGI EDVDDLISDLDI AFKTFPL
Research Area	Others
Source	E.coli
Gene Names	At3g57050
Expression Region	70-464aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	46.9kDa
Protein Description	Full Length of Mature Protein
Image	



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