

Recombinant Chlorocephus Aethiops CTSG Protein (114-333 aa), His-SUMO-tagged

Cat. No. CTSL1-441C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chlorocephus Aethiops CTSG Protein (114-333 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Chlorocephus Aethiops
Source	E.coli
ProteinLength	114-333 aa
Description	Important for the overall degradation of proteins in lysosomes.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.1 kDa
AA Sequence	APRSVDWREKGYVTPVKNQGQCGSCWAFSATGALEGQMFRKTGKLVSLSEQNLV DCSGPQGNEGCNGGLMDYAFQYVADNGGLDSEESYPYEATEESCKYNPEYSVAN DTGFVDIPKQEKALMKAVATVGPISVAIDAGHESFMFYKEGIYFEPDCSSEDMDHGV LVVGYGFESTESDNSKYWLKNSWGEEWGMGGYIKMAKDRRNHCGIASAASYPTV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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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 concentration instruction is sent along with the products.

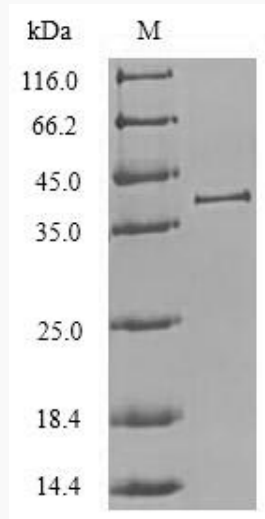
GENE INFORMATION

Official Symbol

[CTSL1](#)

UniProt ID

[Q9GKL8](#)



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

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