

Recombinant Bovine CD8A Protein (26-189 aa), His-SUMO-tagged

Cat. No. CD8A-401B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine CD8A Protein (26-189 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	Bovine
Source	E.coli
ProteinLength	26-189 aa
Description	Identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing. CD8 alpha chains binds to class I MHC molecules alpha-3 domains.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.9 kDa
AA Sequence	LSFRMSPTQKETRLGEKVELQCELLQSGMATGCSWLRHIPGDDPRPTFLMYLSAQR VKLAEGLDPRHISGAKVSGTKFQLTLSSFLQEDQGYFCSVVSNSILYFSNFVPVFLP AKPATTPAMRPSSAAPTSAQTRSVSPRSEVCRTSAGSAVDTSRLDFACN
Purity	> 90% as determined by SDS-PAGE.

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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 concentration instruction is sent along with the products.

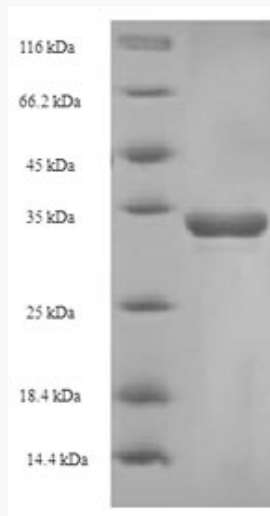
GENE INFORMATION

Gene Name	CD8A CD8a molecule [Bos taurus (cattle)]
Official Symbol	CD8A
Gene ID	281060
mRNA Refseq	NM_174015
Protein Refseq	NP_776440
UniProt ID	P31783

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

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