Recombinant Aedes Aegypti D7 Protein (18-321 aa), His-tagged

Cat. No. D7-2087A **Lot. No.** (See product label)

SPECIFICATION

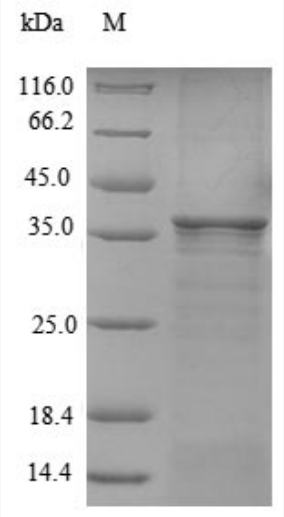
Product Overview	Recombinant Aedes Aegypti (Yellowfever mosquito) (Culex aegypti) D7 Protein (18-321 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Allergen. Protein Description: Full Length of Mature Protein.
Species	Aedes Aegypti
Source	E.coli
ProteinLength	18-321 aa
Description	Thought to be involved in blood-feeding.
Form	Tris-based buffer,50% glycerol
Molecular Mass	39.1 kDa
AA Sequence	STGPFDPEEMLFTFTRCMEDNLEDGPNRLPMLAKWKEWINEPVDSPATQCFGKCV LVRTGLYDPVAQKFDASVIQEQFKAYPSLGEKSKVEAYANAVQQLPSTNNDCAAVF KAYDPVHKAHKDTSKNLFHGNKELTKGLYEKLGKDIRQKKQSYFEFCENKYYPAGS DKRQQLCKIRQYTVLDDALFKEHTDCVMKGIRYITKNNELDAEEVKRDFMQVNKDTK ALEKVLNDCKSKEPSNAGEKSWHYYKCLVESSVKDDFKEAFDYREVRSQIYAFNLP KKQVYSKPAVQSQVMEIDGKQCPQ

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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

Synonyms	D7; Protein D7 Allergen: Aed a 2;
UniProt ID	P18153



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

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