

Recombinant Aspergillus Kawachii EGLD Protein (21-408 aa), His-tagged

Cat. No. EGLD-2435A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Aspergillus Kawachii (strain NBRC 4308) (White koji mold) (Aspergillus awamori var. kawachi) EGLD Protein (21-408 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Aspergillus Kawachii
Source	E.coli
ProteinLength	21-408 aa
Description	Has endoglucanase activity on substrates containing beta-1,4 glycosidic bonds, like in carboxymethylcellulose (CMC), hydroxyethylcellulose (HEC) and beta-glucan. Involved in the degradation of complex natural cellulosic substrates.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.2 kDa
AA Sequence	HTTVQAVWINGEDQGLGNTDDGYIRSPSPNSPVTDVTSTDMTCNVNGDQAASKTLS VKAGDVVTFEWHHSRSDSDDIASSHKGPVQVYMAPTAKGSNGNNWVKIAEDGY HKSSDEWATDILIANKGKHNITVPDVPAGNYLFRPEIIALHEGNREGGAQFYMECVQ FKVTS DGSNELPSGV SIPGVYTATDPGILFDIYNSFDSYPIPGPDVWDGSSSGSSSS GSSSAAVSSAAAAATTSAAVATTPATQAAVEVSSSAAAATTEAAAPVVSSAAPVQQ

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ATSAVTSQAQAAPTTTFATSSKKSSKTACKNKTKSNSQVAAATSSVVAPAATSSVVPV
VSASASASAGGVAKQYERCGGINHTGPTTCESGSVCKKWNPPYYYQCVASQ

Purity > 85% 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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

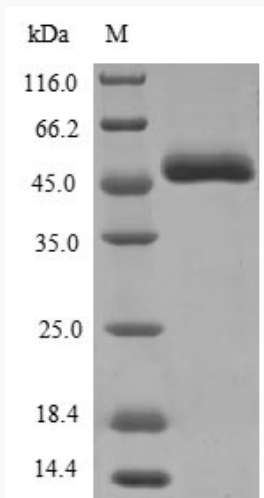
Synonyms eglD;

UniProt ID [Q96WQ9](#)

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

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