# Recombinant Aspergillus kawachii Probable endo-beta-1,4-glucanase D (eglD)

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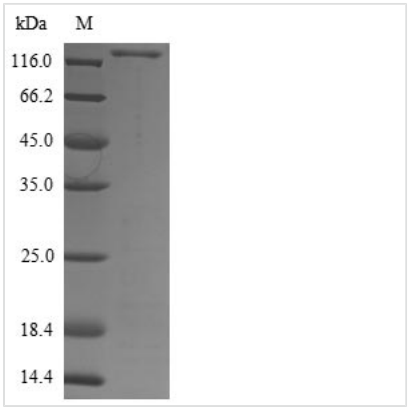
| **Product Code** | CSB-YP836318APOa4 |
| **Relevance** | Has endoglucanase activity on substrates containing beta-1,4 glycosidic bonds, like in carboxymethylcellulose (CMC), hydroxyethylcellulose (HEC) and beta-glucan. Involved in the degradation of complex natural cellulosic substrates |
| **Abbreviation** | Recombinant Aspergillus kawachii eglD protein |
| **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.** | Q96WQ9 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Aspergillus kawachii (strain NBRC 4308) (White koji mold) (Aspergillus awamori var. kawachi) |
| **Purity** | ≥ 90% as determined by SDS-PAGE. |
| **Sequence** | HTTVQAVWINGEDQGLGNTDDGYIRSPPSNSPVTDVTSTDMTCNVNGDQAAS KTLSVKAGDVVTFEWHHSDRSDSDDIIASSHKGPVQVYMAPTAKGSNGNNWV KIAEDGYHKSSDEWATDILIANKGKHNITVPDVPAGNYLFRPEIIALHEGNREGG AQFYMECVQFKVTSDGSNELPSGVSIPGVYTATDPGILFDIYNSFDSYPIPGPD VWDGSSSGSSSSGSSSAAVSSAAAAATTSAVAATTPATQAAVEVSSSAAAAT TEAAAPVVSSAAPVQQATSAVTSQAQAAPTTFATSSKKSSKTACKNKTKSNSQ VAAATSSVVAPAATSSVVPVVSASASASAGGVAKQYERCGGINHTGPTTCES GSVCKKWNPYYYQCVASQ |
| **Research Area** | others |
| **Source** | Yeast |
| **Target Names** | eglD |
| **Protein Names** | Carboxymethylcellulase D Cellulase 61A Cellulase D cel61A |
| **Expression Region** | 21-408aa |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | N-terminal 6xHis-sumostar-tagged |
| **Mol. Weight** | 55.7 kDa |
| **Protein Length** | Full Length of Mature Protein |
| **Image** | |




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

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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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.