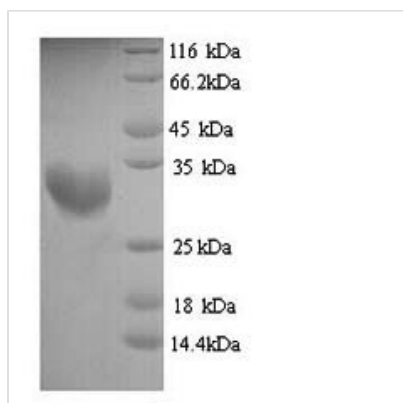




# Recombinant Pongo pygmaeus Beta-defensin 126 (DEFB126), partial

<b>Product Code</b>	CSB-YP006696EXPe0
<b>Relevance</b>	Has antibacterial activity.Curated
<b>Abbreviation</b>	Recombinant Pongo pygmaeus DEFB126 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	A4H244
<b>Alias</b>	Defensin, beta 126
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Pongo pygmaeus (Bornean orangutan)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	SWYVKKCLNDVGICKKKCKPEELHVKNGWAMCGKQRDCCVPAD
<b>Research Area</b>	Others
<b>Source</b>	Yeast
<b>Target Names</b>	DEFB126
<b>Expression Region</b>	21-63aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	31.9kDa
<b>Protein Length</b>	Partial

## Image



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

## Description



The expression of recombinant Pongo pygmaeus (Bornean orangutan) DEFB126 protein in Yeast cells requires incorporating a DNA fragment encoding the Pongo pygmaeus (Bornean orangutan) DEFB126 protein (21-63aa) into a plasmid vector and transforming this vector into Yeast cells. Positive cells are screened, cultured, and induced to produce the DEFB126 protein. A N-terminal GST tag is attached to the protein. The recombinant Pongo pygmaeus (Bornean orangutan) DEFB126 protein is collected and purified from the cell lysate through affinity purification. It is assessed through SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue, with a purity of exceeding 90%.

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**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.

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**Shelf Life**

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