Recombinant Staphylococcus Aureus HLB Protein (35-330 aa), His-tagged

Cat. No. HLB-2265S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus HLB Protein (35-330 aa) is produced by Yeast expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Staphylococcus Aureus
Source	Yeast
ProteinLength	35-330 aa
Description	Bacterial hemolysins are exotoxins that attack blood cell membranes and cause cell rupture. Beta-hemolysin is a phospholipase C with specific activity toward sphingomyelins. Has a high specificity for sphingomyelin, hydrolyzes lysophosphatidylcholine at a much lower rate, but has no activity towards phosphatidylcholine, phosphatidylethanolamine, or phosphatidylserine.
Form	Tris-based buffer,50% glycerol
Molecular Mass	36.2 kDa
AA Sequence	ESKKDDTDLKLVSHNVYMLSTVLYPNWGQYKRADLIGQSSYIKNNDVVIFNEAFDNG ASDKLLSNVKKEYPYQTPVLGRSQSGWDKTEGSYSSTVAEDGGVAIVSKYPIKEKIQ HVFKSGCGFDNDSNKGFVYTKIEKNGKNVHVIGTHTQSEDSRCGAGHDRKIRAEQM KEISDFVKKKNIPKDETVYIGGDLNVNKGTPEFKDMLKNLNVNDVLYAGHNSTWDPQ

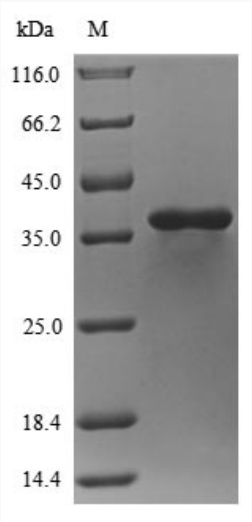
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	SNSIAKYNYPNGKPEHLDYIFTDKDHKQPKQLVNEVVTEKPKPWDVYAFPYYYVYNDFSDHYPIKAYSK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life 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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	hlb;
UniProt ID	P09978

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

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