

## IspA Protein, Lactococcus lactis (Cell-Free, His)

Cat. No.:	HY-P702360
Synonyms:	Prolipoprotein signal peptidaseSignal peptidase II
Species:	Others
Source:	E. coli Cell-free
Accession:	A0A089ZE57 (M1-K150)
Gene ID:	/
Molecular Weight:	19.9 kDa

### PROPERTIES

AA Sequence	<p>M K K L L S L V I I      V V G I V A D Q I F      K N W I V A N I Q L      G D T E K I W P N V</p> <p>L S L T Y I K N D G      A A W S S F S G Q Q      W F F L V L T P I V      L V V A L W F L W K</p> <p>K M A Q N W Y F I G      L T L I I A G A L G      N F I D R I R Q G F      V V D M F Q T E F I</p> <p>N F P I F N I A D I      L L S V G F V L L F      I A I L T D K E T K</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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