

SPRR2B Protein, Human (P.pastoris, Myc, His)

Cat. No.:	HY-P71787
Synonyms:	SPRR2B; Small proline-rich protein 2B; SPR-2B
Species:	Human
Source:	P. pastoris
Accession:	P35325 (1M-72K)
Gene ID:	6701
Molecular Weight:	Approximately 12.0 kDa

PROPERTIES

AA Sequence	<p> M S Y Q Q Q Q C K Q P C Q P P P V C P T P K C P E P C P P P K C P E P C P P P K C P Q P C P P Q Q C Q Q K Y P P V T P S P P C Q P K Y P P K S K </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
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 ₂ O.
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.

DESCRIPTION

Background	<p>SPRR2B protein, a cross-linked envelope protein found in keratinocytes, undergoes a distinctive cellular journey. Initially present in the cell cytosol, SPRR2B ultimately undergoes cross-linking with membrane proteins facilitated by transglutaminase. This process culminates in the formation of an insoluble envelope situated beneath the plasma membrane, highlighting SPRR2B's crucial role in the structural integrity and organization of keratinocytes.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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