

## HSPA5/GRP-78 Protein, Human (His)

Cat. No.:	HY-P72239
Synonyms:	Endoplasmic reticulum chaperone BiP; GRP-78; BiP; GRP78
Species:	Human
Source:	E. coli
Accession:	P11021 (E25-E293)
Gene ID:	3309
Molecular Weight:	Approximately 33.6 kDa

### PROPERTIES

AA Sequence	<pre> EDVGTVVGID   LGTTYSCVGV   FKNGRVEIIA   NDQGNRITPS YVAFTPEGER   LIGDAAKNQL   TSNPENTVFD   AKRLIGRTWN DPSVQQDIKF   LPFKVVEKKT   KPYIQVDIGG   GQTKTFAPEE ISAMVLTMMK   ETAEAYLGKK   VTHAVVTVPA   YFNDAQRQAT KDAGTIAGLN   VMRIINEPTA   AAIAYGLDKR   EGEKNILVFD LGGGTFDVSL   LTIDNGVFEV   VATNGDTHLG   GEDFDQRVME HFIKLYKKKT   GKDV RKDNRA   VQKL RREVE           </pre>
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm solution of 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 sterile distilled water.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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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