

HSPA5/GRP-78 Protein, Mouse (P.pastoris, His, solution)

Cat. No.:	HY-P71742Y
Synonyms:	Hspa5; Grp78; Endoplasmic reticulum chaperone BiP; EC 3.6.4.10; 78kDa glucose-regulated protein; GRP-78; HSP70 family protein 5
Species:	Mouse
Source:	P. pastoris
Accession:	P20029(20E-655L)
Gene ID:	14828
Molecular Weight:	Approximately 72.5 kDa

PROPERTIES

AA Sequence	<p> E E E D K K E D V G T V V G I D L G T T Y S C V G V F K N G R V E I I A N D Q G N R I T P S Y V A F T P E G E R L I G D A A K N Q L T S N P E N T V F D A K R L I G R T W N D P S V Q Q D I K F L P F K V V E K K T K P Y I Q V D I G G G Q T K T F A P E E I S A M V L T K M K E T A E A Y L G K K V T H A V V T V P A Y F N D A Q R Q A T K D A G T I A G L N V M R I I N E P T A A A I A Y G L D K R E G E K N I L V F D L G G G T F D V S L L T I D N G V F E V V A T N G D T H L G G E D F D Q R V M E H F I K L Y K K K T G K D V R K D N R A V Q K L R R E V E K A K R A L S S Q H Q A R I E I E S F F E G E D F S E T L T R A K F E E L N M D L F R S T M K P V Q K V L E D S D L K K S D I D E I V L V G G S T R I P K I Q Q L V K E F F N G K E P S R G I N P D E A V A Y G A A V Q A G V L S G D Q D T G D L V L L D V C P L T L G I E T V G G V M T K L I P R N T V V P T K K S Q I F S T A S D N Q P T V T I K V Y E G E R P L T K D N H L L G T F D L T G I P P A P R G V P Q I E V T F E I D V N G I L R V T A E D K G T G N K N K I T I T N D Q N R L T P E E I E R M V N D A E K F A E E D K K L K E R I D T R N E L E S Y A Y S L K N Q I G D K E K L G G K L S S E D K E T M E K A V E E K I E W L E S H Q D A D I E D F K A K K K E L E E I V Q P I I S K L Y G S G G P P P T G E E D T S E K D E L </p>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 0.5M NaCl, pH 8.0, 50% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

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

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