

Active Recombinant Rat Hspa5 protein, His-tagged

Cat. No. Hspa5-1552R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length (aa 1-654) ratGRP78 Protein with His tag.
Species	Rat
Source	E.coli
ProteinLength	1-654 a.a.
Description	Rat Hspa5 is a secreted protein of the endoplasmic reticulum; may be involved in the assembly of secreted and membrane-bound proteins.
Form	20 mM Tris-HCl, pH 7.5, 50 mM KCl, 1 mM DTT, 5 mM MgCl ₂ .
Bio-activity	Rat GRP78 has ATPase activity at the time of manufacture of 2.5 μM phosphate liberated/hr/μg protein in a 200 μl reaction at 37 centigrade (pH7.5) in the presence of 20 μl of 1 mM ATP using a Malachite Green assay.
Molecular Mass	78 kDa
Storage	Stable for 2 years at -70 centigrade from date of shipment. Please aliquot to avoid repeated freezing and thawing.
Full Length	Full L.

GENE INFORMATION

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Gene Name	Hspa5 heat shock protein 5 [Rattus norvegicus]
Official Symbol	Hspa5
Synonyms	HSPA5; heat shock protein 5; 78 kDa glucose-regulated protein; GRP 78; GRP-78; heat shock 70kD protein 5; heat shock 70 kDa protein 5; steroidogenesis-activator polypeptide; immunoglobulin heavy chain-binding protein; heat shock 70kDa protein 5 (glucose-regulated protein); BIP;
Gene ID	25617
mRNA Refseq	NM_013083
Protein Refseq	NP_037215

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