

Mouse HSPA5 Recombinant Protein



RPPB5246

Product Information Protein Information

Product SKU:

RPPB5246

Accession:

P20029

Host:

Escherichia Coli.

Protein description:

HSPA5 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 659 amino acids (20-655 a.a) and having a molecular mass of 72.9kDa. HSPA5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

78 kDa glucose-regulated protein, GRP-78, Heat shock 70 kDa protein 5, Immunoglobulin heavy chain-binding protein, Bip, Hspa5, Grp78, HSPA5, Hsce70.

Formulation:

HSPA5 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) and 10% Glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSEEDKKE DVGTVVGIDL GTTYSVGVF KNGRVEIIAN DQGNRITPSY
VAFTPEGERL IGDAAKNQLT SNPENTVFDA KRLIGRTWND PSVQQDIKFL PFKVVEKKTK PYIQVDIGGG
QTKTFAPEEI SAMVLTKMKE TAEAYLGKKV THAVVTPPAY FNDAQRQATK DAGTIAGLNV MRIINEPTAA
AIAYGLDKRE GEKNILVFDL GGGTFDVSLL TIDNGVFEVV ATNGDTHLGG EDFDQVRMEH FIKLYKKKTG
KDVRKDNRAV QKLRRVEKA KRALSSQHQA RIEIESFFEG EDFSETLTRA KFEELNMDLF RSTMKPVQKV
LEDSDLKKS D IDEIVLVGGS TRIPKIQQLV KEFFNGKEPS RGINPDEAVA YGAAVQAGVL SGDQDTGDLV
LLDVCPLTLG IETVGGVMTK LIPRNTVVPT KKSQIFSTAS DNQPTVTIKV YEGERPLTKD NHLLGTFDLT
GIPPAPRGVP QIEVTFEIDV NGILRVTAED KGTGNKNKIT ITNDQNRLLP EEIERMVNDA EKFAEEDKKL
KERIDTRNEL ESYAYSLKNQ IGDKEKLGK LSSDKETME KAVEEKIEWL ESHQDADIED FKAKKKELEE
IVQPIISKLY GSGGPPTGE EDTSEKDEL