

Recombinant Human HSPA5 protein, His-tagged

Cat. No. HSPA5-3058H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPA5 protein(P11021)(25-293aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-293aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	33.6 kDa
AA Sequence	EDVGTVVGIDLGTTYSCVGVFKNGRVEIANDQGNRITPSYVAFTPEGERLIGDAAKN QLTSNPENTVFDKRLIGRTWNPDSVQQDIKFLPFKVVVEKTKPYIQVDIGGGQTKTF APEEISAMVLTKMKETA EAYLGKKVTHAVVTVPAYFNDAQRQATKDAGTIAGLNVMR IINEPTAAAIAYGLDKREGEKNILVFDLGGGTFDVSLLTIDNGVFEVVATNGDTHLGGE DFDQRVMEHFILYKTKTGKDV RKDNRAVQKLRREVE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

HSPA5 heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) [Homo sapiens]

Official Symbol

HSPA5

Synonyms

HSPA5; heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa); GRP78, heat shock 70kD protein 5 (glucose regulated protein, 78kD); 78 kDa glucose-regulated protein; BiP; immunoglobulin heavy chain-binding protein; endoplasmic reticulum lumenal Ca(2+)-binding protein grp78; BIP; MIF2; GRP78; FLJ26106;

Gene ID

3309

mRNA Refseq

NM_005347

Protein Refseq

NP_005338

MIM

138120

UniProt ID

P11021

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