Recombinant Human HSPA12B protein, His & T7-tagged

Cat. No. HSPA12B-1479H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPA12B aa. (Met1~Gln217 (Accession # Q96MM6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Gln217
Description	The protein encoded by this gene contains an atypical heat shock protein 70 (Hsp70) ATPase domain and is therefore a distant member of the mammalian Hsp70 family. This gene may be involved in susceptibility to atherosclerosis. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

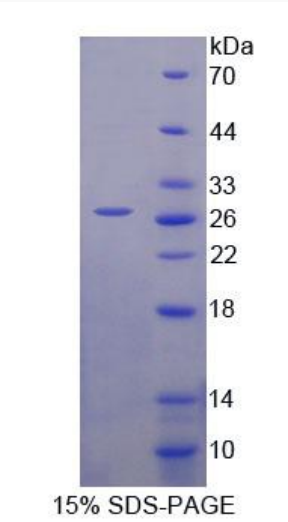
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	accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	6

GENE INFORMATION

Gene Name	HSPA12B heat shock protein family A (Hsp70) member 12B [Homo sapiens (human)]
Official Symbol	HSPA12B
Synonyms	HSPA12B; heat shock protein family A (Hsp70) member 12B; C20orf60; heat shock 70 kDa protein 12B
Gene ID	116835
mRNA Refseq	NM_001197327.1
Protein Refseq	NP_001184256.1
UniProt ID	Q96MM6

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SDS-PAGE	 15% SDS-PAGE

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