

Recombinant Rat Hspa1a/Hspa1b Protein

Cat. No. Hspa1-001R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Hspa1a/Hspa1b protein was expressed in E. coli.
Species	Rat
Source	E.coli
Molecular Mass	~72kDa
Purity	≥90% by SDS-PAGE
Applications	WB, Activity assay, GST pulldown, Proliferation assay Application Notes: ATPase activity assay (positive). Western blot control.
Usage	Western Blot (100ng, colorimetric) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
Storage	At -80 centigrade.
Storage Buffer	Liquid. In 50mM TRIS, pH 7.5, containing 1.0mM DTT, 100mM sodium chloride, and 0.1mM PMSF

GENE INFORMATION

Gene Name	Hspa1a heat shock 70kD protein 1A [Rattus norvegicus (Norway rat)]
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Official Symbol	Hspa1a heat shock 70kD protein 1A [Rattus norvegicus (Norway rat)]
Synonyms	Hspa1a; heat shock 70kD protein 1A; HSP72; Hspa1; Hspa2; HSP70.1; Hsp70-1; Hsp70-2; heat shock 70 kDa protein 1B; HSP70-1/HSP70-2; HSP70.1/2; HSP70.1/HSP70.2; Heat shock 70 kDa protein 1; heat shock 70 kDa protein 1/2; heat shock 70 kDa protein 1A/1B; heat shock protein 70-1; Hspa1b; heat shock 70kD protein 1B (mapped); Hsp72; HSP70.2; heat shock 70 kDa protein 1A; Heat shock 70 kDa protein 2
Gene ID	24472
mRNA Refseq	NM_031971
Protein Refseq	NP_114177
UniProt ID	P0DMW0

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