Recombinant Human HSPA6 Protein

Cat. No. HSPA6-5109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSPA6 (P17066) full-length recombinant protein expressed in yeast.
Species	Human
Source	Yeast
Description	HSPA6 (Heat Shock Protein Family A (Hsp70) Member 6) is a Protein Coding gene. Among its related pathways are mRNA Splicing - Major Pathway and Proteolysis Role of Parkin in the Ubiquitin-Proteasomal Pathway. GO annotations related to this gene include enzyme binding and heat shock protein binding. An important paralog of this gene is HSPA1B.
Form	Liquid
Molecular Mass	70.9 kDa
AA Sequence	MQAPRELAVGIDLGTTYSCVGVFQQGRVEILANDQGNRTTPSYVAFTDTERLVGDA AKSQAALNPHNTVFDAKRLIGRKFADTTVQSDMKHWPFRVVSEGGKPKVRVCYRG EDKTFYPEEISSMVLSKMKETAEAYLGQPVKHAVITVPAYFNDSQRQATKDAGAIAG LNVLRIINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVSVLSIDAGVFEVKATAGD THLGGEDFDNRLVNHFMEEFRRKHGKDLSGNKRALRRLRTACERAKRTLSSSTQAT LEIDSLFEGVDFYTSITRARFEELCSDLFRSTLEPVEKALRDAKLDKAQIHDVVLVGGS TRIPKVQKLLQDFFNGKELNKSINPDEAVAYGAAVQAAVLMGDKCEKVQDLLLLDVA PLSLGLETAGGVMTTLIQRNATIPTKQTQTFTTYSDNQPGVFIQVYEGERAMTKDNN LLGRFELSGIPPAPRGVPQIEVTFDIDANGILSVTATDRSTGKANKITITNDKGRLSKE

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	EVERMVHEAEQYKAEDEAQRDRVAAKNSLEAHVFHVKGSLQEESLRDKIPEEDRRK MQDKCREVLAWLEHNQLAEKEEYEHQKRELEQICRPIFSRLYGGPGVPGGSSCGT QARQGDPSTGPIIEEVD
Purity	90%
Applications	SDS-PAGE
Storage	Store at -2 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 50 mM HEPES, 100mM NaCl, pH 7.5 (30% glycerol, 30 mM Glutathione, 0.5% TritonX-100, 1 mM dithiothreitol)

GENE INFORMATION

Gene Name	HSPA6 heat shock 70kDa protein 6 (HSP70B) [Homo sapiens]
Official Symbol	HSPA6
Synonyms	HSPA6; heat shock 70kDa protein 6 (HSP70B); heat shock 70kD protein 6 (HSP70B); heat shock 70 kDa protein 6; heat shock 70 kDa protein B;
Gene ID	3310
mRNA Refseq	NM_002155
Protein Refseq	NP_002146
MIM	140555
UniProt ID	P17066

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