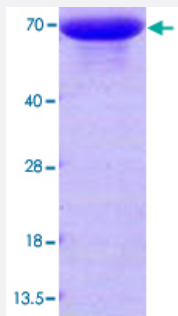


Full-Length

HSPA6 (Human) Recombinant Protein

Catalog # P3545 Size 100 ug

Applications



Specification

Product Description

Human HSPA6 (NP_002146, 1 a.a. - 643 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MGSSHHHHHHSSGLVPRGSHMQAPRELAVGIDLGTTYSYCVGVFQQGRVEILANDQGNRTTPSYV
AFTDTERLVGDAAKSQAALNPHNTVFDARLIGRKFAADTTVQSDMKHWPFRVVSEGGKPKVRV
CYRGEDKTFYPEEISSMVLSKMKETAAYLGQPVKHAVITVPAYFNDSQRQATKDAGAIAGLNVLRL
IINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVSVLSIDAGVFEVKATAGDTHLGGEDFDNRLV
NHFMEEFRRKHGKDLSGNKRALRRLTACERAKRTLSSSTQATLEIDSLFEGVDFYTSITRARFEE
LCSDLFRSTLEPVEKALRDAKLDKAQIHDVVLVGGSTRIPKVQKLLQDFFNGKELNKSINPDEAVA
YGAAVQAAVLMGDKCEKVQDLLLLDVAPLSLGLETAGGVMTTLIQRNATIPKQTKQTFTTYSNQP
GVFIQVYEGERAMTKDNNLLGRFELSGIPPAPRGVPQIEVTFDIDANGILSVTATDRSTGKANKITITN
DKGRLSKEEVERMVHEAEQYKADEAQRDRVAAKNSLEAHVFHVKGSLQEESLRDKIPEEDRR
KMQDKCREVLAWLEHNQLAEKEEYEHQKRELEQICRPFSRLYGGPGVPGGSSCGTQARQGDP
STGPIIEVD

Host

Escherichia coli

Theoretical MW (kDa)

73.2

Form

Liquid

Preparation Method

Escherichia coli expression system

Purification

Conventional Chromatography

Concentration	1 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 100 mM NaCl, pH 8.0 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — HSPA6

Entrez GeneID	3310
Protein Accession#	NP_002146
Gene Name	HSPA6
Gene Alias	-
Gene Description	heat shock 70kDa protein 6 (HSP70B')
Omim ID	140555
Gene Ontology	Hyperlink
Other Designations	heat shock 70kD protein 6 (HSP70B')

Pathway

- [Antigen processing and presentation](#)
- [Endocytosis](#)
- [MAPK signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Cognition](#)
- [Connective Tissue Diseases](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hematologic Diseases](#)
- [Infection](#)
- [Inflammation](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Musculoskeletal Diseases](#)
- [Occupational Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)