www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

HSPA6 Human

Catalog #:HYPS-035

For research use only.

Description: Recombinant Human HSPA6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 663 amino acids (1-643 a.a) and having a molecular mass of 73.2kDa.HSPA6 human recombinant is fused to a 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques.

Synonyms:HSP70B, Heat shock 70 kDa protein 6, Heat shock 70 kDa protein B', HSPA6.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MQAPRELAVG IDLGTTYSCV GVFQQGRVEI LANDQGNRTT PSYVAFTDTE RLVGDAAKSQ AALNPHNTVF DAKRLIGRKF ADTTVQSDMK HWPFRVVSEG GKPKVRVCYR GEDKTFYPEE ISSMVLSKMK ETAEAYLGQP VKHAVITVPA YFNDSQRQAT KDAGAIAGLN VLRIINEPTA AAIAYGLDRR GAGERNVLIF DLGGGTFDVS VL

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The HSPA6 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl & 10% Glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
HSPA6 is a distinctive member of the human Hsp70 chaperone that takes part in cellular processes such as protein trafficking, folding, and prevention of aggregation. HSPA6 is strictly stress-inducible, having little or no basal expression levels in most cells. HSPA6 and HSP72 are are involved in cell survival of proteotoxic stress.

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