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DNAJB8 Human

Catalog #:HYPS-057

For research use only.

Description:DNAJB8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 252 amino acids (1-232 a.a.) and having a molecular mass of 27.8kDa.DNAJB8 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: DnaJ homolog subfamily B member 8, DNAJB8, DJ6.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MANYYEVLGV QASASPEDIK KAYRKLALRW HPDKNPDNKE EAEKKFKLVS EAYEVLSDSK KRSLYDRAGC DSWRAGGGAS TPYHSPFDTG YTFRNPEDIF REFFGGLDPF SFEFWDSPFN SDRGGRGHGL RGAFSAGFGE FPAFMEAFSS FNMLGCSGGS HTTFSSTSFG GSSSGSSGFK SVMSSTEMIN GHKVTTKRIV ENGQERVEVE ED

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
The DNAJB8 solution (0.25mg/ml) 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.

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:
DnaJ homolog subfamily B member 8 (DNAJB8) is superior suppressors of aggregation and toxicity of disease-associated polyglutamine proteins.DNAJB8 is a member of the DNAJ/HSP40 family of proteins that regulate chaperone activity. DNAJB8 is (de)acetylated at 2 conserved C-terminal lysines which arent involved in substrate binding, but do have a role in suppressing protein aggregation. DNAJB8 has been implicated as a cancer-testis antigen and as a cancer stem-like cell antigen involved in renal cell carcinoma.

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