

## 32-5296: Recombinant Human Dnaj (Hsp40) Homolog, Subfamily B, Member 8

**Alternative Name :** Dnaj homolog subfamily B member 8,DNAJB8,DJ6.

### Description

Source : Escherichia Coli. 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. 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 aren't 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.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 25 µg   |
| <b>Purification :</b>      | Greater than 90% as determined by SDS-PAGE.   |
| <b>Content :</b>           | The DNAJB8 solution (0.25mg/ml) 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.   |
| <b>Storage condition :</b> | 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.   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MANYEVLGV QASASPEDIK KAYRKLALRW HPDKNPDNKE<br>EAEKKFKLVS EAYEVLSDSK KRSLYDRAGC DSWRAGGGAS TPYHSPFDTG YTFRNPEDIF REFFGGGLDPF<br>SFEFWDSPFN SDRGGRGHGL RGAFSAGFGE FPAFMEAFSS FNMLGCSGGS HTTFSSTSFG<br>GSSSGSSGFK SVMSSTEMIN GHKVTTKRIV ENGQERVEVE EDGQLKSVTV NGKEQLKWMD SK. |

