

Recombinant Full Length Human DHX33 protein, His&TrxA-tagged

Cat. No. DHX33-565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHX33 full length protein (Q9H6R0-1) (1-707 aa), fused with His and TrxA tag at the N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-707 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The recombinant Human full length DHX33 protein consists of 827 amino acids and predicts a molecular mass of 92.18 kDa. It migrates as an approximately 85 kDa band in SDS-PAGE under reducing conditions.
AASequence	MHHHHHHHHHMSDKIIHLTDDSFDTDVLKADGAILVDFWAEWCGPCKMIAPILDEI ADEYQGKLTVAKLNIDQNPGTAPKYGIRGIPTLLLFKNGEVAATKVGALSKGQLKEFL DANLAMPEEAGFPPAKRFRPGSGPPSRAGSFPPGRQVVMLLTAGSGGRGGGGGR RQQPPLAQPSASPYPEAVELQRRSLPIFQARGQLLAQLRNLDNAVLIGETGSGKTTQ IPQYLYEGGISRQGIIAVTQPRRVAAISLATRVSDKRTGKLVGYTVRFDDVTSED RIKFLTDGMLLREAISDSLLRKYSCVILDEAHERTIHTDVLFGVVKAAQKRRKELGKLP LKVIVMSATMDVDLFSQYFNGAPVLYLEGRQHPIQVFYTKQPQNDYLHAALVSVFQI HQEAPSSQDILVFLTGQEEIEAMSKTCRDIKHLPDGCPAMLVLPYASLPYAQQLR

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VFQGAPKGYRKVIISTNIAETSITITGIKYVVDTGMMVKAKKYNPD SGLEVLAVQRVSKT
 QAWQRTGRAGREDSGICYRLYTEDEFKFDKMTVPEIQRCNLASVMLQLLAMKVPN
 VLTFDFMSKPSPDHIQAAIAQLDLLGALEHKDDQLTLTPMGRKMAAFPLEPKFAKTIL
 MSPKFHCTEEILTIVSLLSVDSVLHNPPSRREEVQGVRRKKFISSEGDHMTLLNIYRTF
 KNLGGNKDWCKENFVNSKNMTLVAEVRAQLRDICLKMSMPIASSRGDVESVRRCLA
 HSLFMSTAE LQPDGTYATTDTHQPVAIHPSSVLFHCKPACVVYTELLYTNKCYMRDL
 CVIDAQWLYEAAPEYFRRKLRTARN

Endotoxin	< 1.0 EU/μg of the protein by LAL method.
Purity	> 80 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 g/μl. Centrifuge the vial at 4°C before opening to recover the entire contents.