

Recombinant Human DHX33 Protein (1-450 aa), His-tagged

Cat. No. DHX33-2572H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHX33 Protein (1-450 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-450 aa
Description	Stimulates RNA polymerase I transcription of the 47S precursor rRNA. Associates with ribosomal DNA (rDNA) loci where it is involved in POLR1A recruitment. Important element of nucleolar organization.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.7 kDa
AA Sequence	MPEEAGFPPAKRFRPGSGPPSRAGSFPPGRQVVMLLTAGSGGRGGGGGRRQQP PLAQPSASPYPEAVELQRRSLPIFQARGQLLAQLRNLDNAVLIGETGSGKTTQIPQYL YEGGISRQGIIAVTQPRRVAAISLATRVSDKRTGKLVGYTVRFDDVTSEDTRIKFL TDGMLLREAISDSLLRKYSCVILDEAHERTIHTDVLFGVVKAAQKRRKELGKLPLKVIV MSATMDVDLFSQYFNGAPVLYLEGRQHPIQVFYTKQPQNDYLHAALVSFQIHQEA PSSQDILVFLTGQEEIEAMSKTCRDIKHLPGCPAMLVLPYASLPYAQQLRVFGG APKGYRKVIIISTNIAETSITITGIKYVVDTGMMVKAKKYNPDSGLEVLAQVRVSKTQAWQ

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	RTGRAGREDSGICYRLYTEDEFKFDKMTVPEIQRCNLASVMLQLLAMK
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	DHX33 DEAH (Asp-Glu-Ala-His) box polypeptide 33 [Homo sapiens]
Official Symbol	DHX33
Synonyms	DHX33; DEAH (Asp-Glu-Ala-His) box polypeptide 33; DKFZp762F2011; FLJ21972; DEAH box protein 33; DDX33;
Gene ID	56919
mRNA Refseq	NM_001199699
Protein Refseq	NP_001186628
MIM	614405

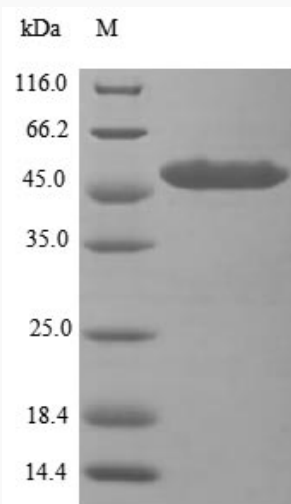
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UniProt ID

Q9H6R0



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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