Recombinant Human DROSHA protein, GST-tagged

Cat. No. DROSHA-3741H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DROSHA protein(353-550 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	353-550 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MHRSPSREKKRARWEEEKDRWSDNQSSGKDKNYTSIKEKEPEETMPDKNEEEEEE LLKPVWIRCTHSENYYSSDPMDQVGDSTVVGTSRLRDLYDKFEEELGSRQEKAKAA RPPWEPPKTKLDEDLESSSESECESDEDSTCSSSSDSEVFDVIAEIKRKKAHPDRLH DELWYNDPGQMNDGPLCKCSAKARRTGIRHS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	DROSHA drosha, ribonuclease type III [Homo sapiens]
Official Symbol	DROSHA
Synonyms	DROSHA; drosha, ribonuclease type III; ribonuclease type III, nuclear , RNASEN; ribonuclease 3; drosha; double stranded RNA specific endoribonuclease; ribonuclease type III; Etohi2; HSA242976; RN3; RNASE3L; p241; RNase III; protein Drosha; nuclear RNase III Drosha; putative ribonuclease III; ribonuclease III, nuclear; ribonuclease type III, nuclear; drosha, double-stranded RNA-specific endoribonuclease; putative protein p241 which interacts with transcription factor Sp1; ETOHI2; RNASEN; RANSE3L;
Gene ID	29102
mRNA Refseq	NM_001100412
Protein Refseq	NP_001093882
MIM	608828
UniProt ID	Q9NRR4

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