

Recombinant Human ENDOU protein, T7/His-tagged

Cat. No. ENDOU-222H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ENDOU cDNA (368aa, Isoform-II, derived from BC074729) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	368 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGGQMGRGRGHHHHHGNLYFQGEFRACISLVLAVLCGLAWAEDHKESSEPL PQLEEETEEALASNLYSAPTS CQGRCYEAFDKHHQCHCNARCQEFGNCKDFESL CSDHEVSHSSDAITKEEIQSISEKIYRADTNKAQKEDIVLN SQNCISPSETRNQVDRC PKPLFTYVNEKLFSKPTYAAFINLLNNYQRATGHGEHFSAQELAEQDAFLREIMKTAV MKELYSFLHHQNRYGSEQEFVDDLKNMWFGLYSRGNEEGDSSGFEHVFSGEVKK GKVTGFHNWIRFYLEEKEGLV DYYSHIYDGPWDSYPDVLAMQFNWDGYYKEVGSA FIGSSPEFEFALYSLCFIARPGKVCQLSLGGYPLAVRTYTW DKSTYGNGKKYIATAYI VSST
Purity	>90% by SDS-PAGE.
Applications	1. May be used for in vitro ENDOU mediated placenta derived cell & tumor cells differentiation regulations study with this protein as either soluble factor or coating

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matrix protein.2. May be used for ENDOU protein-protein interaction mapping.3. Potential biomarker protein for clinical applications such as monitoring pancreatic cancer progression.4. As antigen for specific antibody production.

Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name	ENDOU endonuclease, polyU-specific [Homo sapiens (human)]
Official Symbol	ENDOU
Synonyms	ENDO; P11; PP11; PRSS26; endonuclease, polyU-specific; 22 serine protease; 26 serine protease; placental protein 11; uridylate-specific endoribonuclease; EC 3.1.-.-
Gene ID	8909
mRNA Refseq	NM_001172439
Protein Refseq	NP_001165910
MIM	606720
UniProt ID	P21128
Chromosome Location	12q13.1
Function	RNA binding; endoribonuclease activity; growth factor activity

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