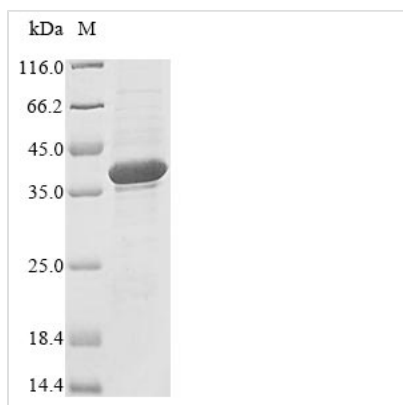




Recombinant Human Ribonuclease H1 (RNASEH1)

| | |
|--------------------------|--|
| Product Code | CSB-EP019801HU |
| Relevance | Endonuclease that specifically degrades the RNA of RNA-DNA hybrids (PubMed:10497183). Plays a role in RNA polymerase II (RNAP II) transcription termination by degrading R-loop RNA-DNA hybrid formation at G-rich pause sites located downstream of the poly(A) site and behind the elongating RNAP II |
| Abbreviation | Recombinant Human RNASEH1 protein |
| 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | O60930 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Sequence | MSWLLFLAHRVALAALPCRRGSRGFGMFYAVRRGRKTGVFLTWNECRAQVD RFPAARFKKFATEDEAWAFVRKSASPEVSEGHENQHGGQSEAKASKRLREPL DGDGHESAEPYAKHMKPSVEPAPPVSRDTFSYMGDFVVVYTDGCCSSNGRR RPRAGIGVYWGPGLPLNVGIRLPGRQTNQRAEIIHAACKAIEQAKTQNINKLVLY TDSMFTINGITNWWQGWKNGWKTSAGKEVINKEDFVALERLTQGMDIQWMH VPGHSGFIGNEEADRLAREGAKQSED |
| Research Area | Epigenetics and Nuclear Signaling |
| Source | E.coli |
| Target Names | RNASEH1 |
| Protein Names | Ribonuclease H type II RNH1 |
| Expression Region | 1-286aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 37.6 kDa |
| Protein Length | Full Length |
| Image | |



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

