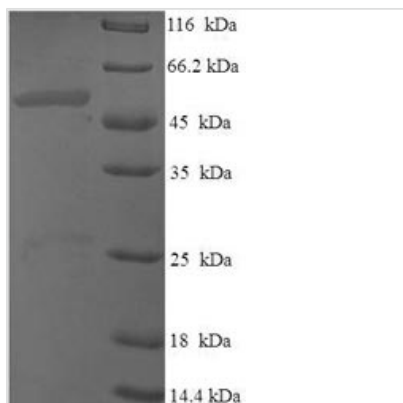




# Recombinant Human Probable dimethyladenosine transferase (DIMIT1)

<b>Product Code</b>	CSB-EP892161HU
<b>Relevance</b>	Specifically dimethylates two adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 18S rRNA in the 40S particle.
<b>Abbreviation</b>	Recombinant Human DIMIT1 protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9UNQ2
<b>Alias</b>	DIM1 dimethyladenosine transferase 1 homologDIM1 dimethyladenosine transferase 1-likeProbable 18S rRNA (adenine(1779)-N(6)/adenine(1780)-N(6))-dimethyltransferaseProbable 18S rRNA dimethylaseProbable S-adenosylmethionine-6-N',N'-adenosyl(rRNA) dimethyltransferase
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MPKVKSGAIGRRRGRQEQRRELKSAGGLMFNTGIGQHILKNPLIINSIIDKAALR PTDVVLEVGPGTGNMTVKLLEKAKKVACELDPRLVAELHKRVQGTPVASKLQ VLVGDLKTDLPFFDTCVANLPYQISSPFVFKLLHRPFFRCAILMFQREFALRL VAKPGDKLYCRLSINTQLLARVDHLMKVGKNNFRPPPKVESSVVRIEPPKNPPP PINFQEWDLVRITFVRKNKTLSSAFKSSAVQQLLEKNYRIHCSVHNIIPEDFSI ADKIQILTSTGFSDKRARSMIDDDFIRLLHGFNAEGIHFS
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Target Names</b>	DIMIT1
<b>Expression Region</b>	1-313aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	51.2kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



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

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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.