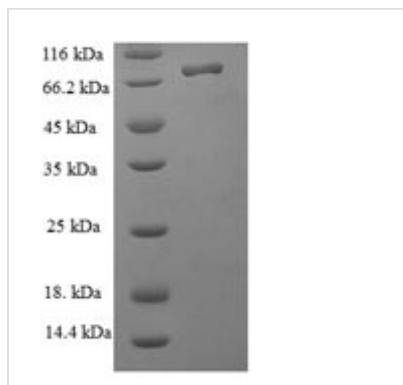




Recombinant Human Nucleolar protein 58 (NOP58)

Product Code	CSB-EP896703HU
Relevance	Required for 60S ribosomal subunit biogenesis . Core component of box C/D small nucleolar ribonucleoprotein (snoRNP) particles. Required for the biogenesis of box C/D snoRNAs such as U3, U8 and U14 snoRNAs. ³ Publications
Abbreviation	Recombinant Human NOP58 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.	Q9Y2X3
Alias	Nucleolar protein 5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MLVLFETSVGYAIFKVLNEKKLQEVDLSLWKEFETPEKANKIVKLKHFEKFQDTA EALAAFTALMEGKINKQLKKVLKKIVKEAHEPLAVADAKLGGVIKEKLNLSCHS PVVNELMRGIRSQMDGLIPGVEPREMAAMCLGLAHSLSRYRLKFSADKVDTHI VQAISLLDDLKELNNYIMRCREWYGWHPFELGKIISDNLTYCKCLQKVGDRK NYASAKLSELLPEEVEAEVKAAAEISMGTEVSEEDICNHLCTQVIEISEYRTQL YEYLQNRMMMAIAPNVTVMVGELVGARLIAHAGSLLNLAKHAASVQILGAEKAL FRALKSRDTPKYGLIYHASLVGQTSPKHGKISRMLAAKTVLAIRYDAFGEDS SSAMGVENRAKLEARLRTLEDGRGIRKISGTGKALAKTEKYEYHKSEVKTYDPSG DSTLPTCSKKRKIEQVDKEDEITEKKAKKAKIKVKVEEEEEEEKVAEEEEETSVKKK KKRGKKKKHIKEEPLSEEEPTSTAIASPEKKKKKKKKKREND
Research Area	Metabolism
Source	E.coli
Target Names	NOP58
Expression Region	1-529aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	75.6kDa
Protein Length	Full Length
Image	



(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.