



Recombinant Human Lipocalin-1 (LCN1)

Product Code	CSB-EP012810HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P31025
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	HH LLASDEEIQD VSGTWYLKAM TVDREFPEMN LESVTPMTLT TLEGGNLEAK VTMLISGRCQ EVKAVLEKTD EPGKYTADGG KHVAYIIRSH VKDHYIFYCE GELHGKPVVRG VKLVGRDPKN NLEALEDFEK AAGARGLSTE SILIPRQSET CSPGSD
Source	E.coli
Target Names	LCN1
Protein Names	Recommended name: Lipocalin-1 Alternative name(s): Tear lipocalin Short name= Tlc Tear prealbumin Short name= TP Von Ebner gland protein Short name= VEG protein
Expression Region	19-176
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein belongs to the lipocalin family. Lipocalins are a group of extracellular proteins that are able to bind lipophiles by enclosure within their structures to minimize solvent contact. This protein may bind hydrophobic ligands and inhibit cysteine proteinases. It may also play a role in taste reception.
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.