



Recombinant Human Alkaline phosphatase, germ cell type (ALPG)

Product Code	CSB-EP001633HU-B
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.	P10696
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	I IPVEEENPDF WNRQAAEALG AAKKLQPAQT AAKNLIIFLG DGMGVSTVTA ARILKGQKKD KLGPEFLAM DRFPYVALSK TYSVDKHVPD SGATATAYLC GVKGNFQTIG LSAAARFNQC NTTRGNEVIS VMNRAKKAGK SVGVVTTTRV QHASPAGAYA HTVNRNWYSD ADVPASARQE GCQDIATQLI SNMDIDVILG GGRKYMFPNG TPDPEYPDDY SQGGTRLGK NLVQEWLAKH QGARYVWNRT ELLQASLDPS VTHLMGLFEP GDMKYEIHRD STLDPSLMEM TEAALLLSR NPRGFFLFVE GGRIDHGHE SRAYRALTET IMFDDAIERA GQLTSEEDTL SLVTADHSHV FSFGGYPLRG SSIFGLAPGK ARDRKAYTVL LYGNPGYVL KDGARPDVTE SESGSPEYRQ QSAVPLDGET HAGEDVAVFA RGPQAHLVHG VQEQTFAHV MAFAACLEPY TACDLAPRAG TTD
Source	E.coli
Target Names	ALPPL2
Protein Names	Recommended name: Alkaline phosphatase, placental-like EC= 3.1.3.1 Alternative name(s): ALP-1 Alkaline phosphatase Nagao isozyme Germ cell alkaline phosphatase Short name= GCAP Placental alkaline phosphatase- like Shor
Expression Region	20-503
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
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.