



# Recombinant Human Alkaline phosphatase, germ cell type (ALPG)

<b>Product Code</b>	CSB-YP001633HU
<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>	P10696
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	I IPVEEENPDF WNRQAAEALG AAKKLQPAQT AAKNLIIFLG DGMGVSTVTA ARILKGQKKD KLGPETFLAM DRFPYVALSK TYSVDKHVPD SGATATAYLC GVKGNFQTIG LSAAARFNQC NTTRGNEVIS VMNRAKKAGK SVGVVTTTRV QHASPAGAYA HTVNRNWYSD ADVPASARQE GCQDIATQLI SNMDIDVILG GGRKYMFPMPG TPDPEYPDDY SQGGTRLDGK NLVQEWLAKH QGARYVWNRT ELLQASLDPS VTHLMGLFEP GDMKYEIHRD STLDPSLMEM TEAALLLSR NPRGFFLFVE GGRIDHGHHE SRAYRALTET IMFDDAIERA GQLTSEEDTL SLVTADHSHV FSFGGYPLRG SSIFGLAPGK ARDRKAYTVL LYGNPGGYVL KDGARPDVTE SESGSPEYRQ QSAVPLDGET HAGEDVAVFA RGPQAHLVHG VQEQTFAHV MAFAACLEPY TACDLAPRAG TTD
<b>Source</b>	Yeast
<b>Target Names</b>	ALPPL2
<b>Protein Names</b>	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
<b>Expression Region</b>	20-503
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.



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