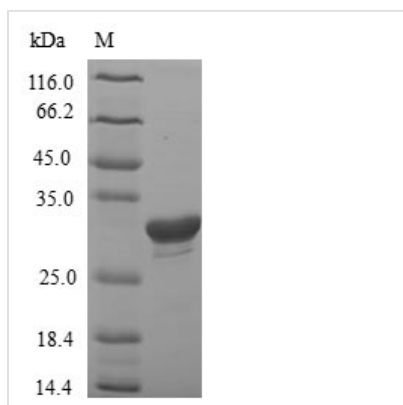




Recombinant Rat Insulin-like growth factor-binding protein 1 (Igfbp1)

Product Code	CSB-EP011095RAe1
Relevance	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration
Abbreviation	Recombinant Rat Igfbp1 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.	P21743
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	APQPWHCAPCTAERLELCPPVPASCPEISRPAGCGCCPTCALPLGAACGVAT ARCAQGLSCRALPGEPRPLHALTRGQGACVLEPAAPATSSLSGSQHEEAKAA VASEDELAESPEMTEEQLLDSFHLMAPSREDQPILWNAISTYSSMRAREITDLK KWKEPCQRELYKVLRLAAAQQKAGDEIYKFYLPNCNKNGFYHSKQCETSLD GEAGLCWCVYPWSGKKIPGSLETRGDPNCHQYFNVQN
Research Area	Signal Transduction
Source	E.coli
Target Names	Igfbp1
Expression Region	26-272aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	26.9kDa
Protein Length	Full Length of Mature Protein
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

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