

Recombinant human Chorionic somatomammotropin hormone protein

Catalog No: #AP72151

Orders: order@signalwayantibody.com

Package Size: #AP72151-1 20ug #AP72151-2 100ug #AP72151-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Chorionic somatomammotropin hormone protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-217aaSequence Info:Full Length
Other Names	Lactogen Placental lactogen Short name: PL
Accession No.	P0DML2
Uniprot	P0DML2
GeneID	1442;
Calculated MW	26.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VQTVPLSRLFDHAMLQAHRAHQLAIDTYQEFEETYIPKDQKYSFLHDSQTSFCFSDSIPTPSNMEETQQKSNL ELLRISLLLIESWLEPVRFLRSMFANNLVYDTSDDYHLLKDLEEGIQTLMGRLEDGSRRTGQILKQTYSKFDT NSHNHDALLKNYGLLYCFRKDMDKVETFLRMVQCRSVEGSCGF
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Produced only during pregnancy and is involved in stimulating lactation, fetal growth and metabolism. Does not interact with GHR but only activates PRLR through zinc-induced dimerization.

References

"The human growth hormone locus: nucleotide sequence, biology, and evolution."Chen E.Y., Liao Y.C., Smith D.H., Barrera-Saldana H.A., Gelinas R.E., Seeburg P.H.Genomics 4:479-497(1989) Research Topic:Signal Transduction

Note: This product is for in vitro research use only