



# Recombinant Pig Somatotropin (GH1)

<b>Product Code</b>	CSB-EP009407PI(A4)
<b>Relevance</b>	Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.
<b>Abbreviation</b>	Recombinant Pig GH1 protein
<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>	P01248
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MAAGPRTSALLAFALLCLPWTREVGAFPAMPLSSLFANAVLRAQHLHQLAADT YKEFERAYIPEGQRYSIQNAQA AFCFSETIPAPT GKDEAQQRSDVELLRFSLLLI QSWLGPVQFLSRVFTNSLVFGTSDRVYEKLDLEEGIQALMRELEDGSPRAG QILKQTYDKFDTNLRSDDALLKNYGLLSCFKKDLHKAETYLRVMKCRRFVSS CAF
<b>Research Area</b>	Developmental Biology
<b>Source</b>	E.coli
<b>Target Names</b>	GH1
<b>Protein Names</b>	Growth hormone
<b>Expression Region</b>	1-216aa
<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>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	29.4 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	

