

Recombinant Human IGF1 Protein, GST tagged, GFP Labeled

Cat. No. IGF1-05H Lot. No. (See product label)

SPECIFICATION

Product Overview	GFP Labeled recombinant Human insulin like growth factor 1 Protein with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	IGF-1 is a hormone similar in molecular structure to insulin. It plays an important role in childhood growth and continues to have anabolic effects in adults. A synthetic analog of IGF-1, mecasermin, is used for the treatment of growth failure. Its primary action is mediated by binding to its specific receptor, the insulin-like growth factor 1 receptor (IGF1R), which is present on many cell types in many tissues.
Tag	GST
Conjugation/Label	GFP
Form	Liquid
Purity	> 95% by SDS-PAGE
Specificity	Binds to IGF-1 receptor.
Applications	Immunofluorescence, FACS, ELISA, Western blot, protein-protein interactions, Pull-down assay,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	At -80 centigrade.
Concentration	0.5 mg/mL
Storage Buffer	PBS solution, 30% glycerol, contains 10 mM glutation.
Shipping	Ice pack

GENE INFORMATION

Gene Name	IGF1 insulin like growth factor 1 [Homo sapiens (human)]
Official Symbol	IGF1
Synonyms	IGF1; insulin-like growth factor 1 (somatomedin C); insulin-like growth factor 1; IGF1A; MGF; IGF-IA; IGF-IB; somatomedin-C; mechano growth factor; insulin-like growth factor I; insulin-like growth factor IA; insulin-like growth factor IB; IGF1; IGF-I
Gene ID	3479
mRNA Refseq	NM_000618
Protein Refseq	NP_000609
MIM	147440
UniProt ID	P05019

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