

Recombinant human IGF1R

Catalog No: #AG0057

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Description

Product Name	Recombinant human IGF1R
Host Species	HEK293
Purification	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC
Immunogen Description	Glu31-Leu936
Target Name	IGF1R
Other Names	CD221 antigen; CD221; EC 2.7.10; EC 2.7.10.1; IGF1R; IGF-1R; IGF-I R; IGF-I receptor; IGFI R; IGF-IR; IGFR; insulin-like growth factor 1 receptor; Insulin-like growth factor I receptor
Accession No.	Uniprot:P08069Gene ID:3480
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GeneID	3480
Target Species	human
Calculated MW	80 KDa
Tag Info	C-Precission-Twin Strep II-8xHis
Formulation	0.22 µm filtered solution of PBS, pH 7.4.
Storage	Aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.

Background

IGF-I receptor is a disulfide-linked heterotetrameric transmembrane protein consisting of two alpha and two beta subunits. Both the alpha and beta subunits are encoded within a single receptor precursor cDNA. The proreceptor polypeptide is proteolytically cleaved and disulfide-linked to yield the mature heterotetrameric receptor. The alpha subunit of IGF-I receptor is extracellular while the beta subunit has an extracellular domain, a transmembrane domain and a cytoplasmic tyrosine kinase domain. The IGF-I receptor is highly expressed in all cell types and tissues. Essentially all of the biological activities of IGF-I and II have been shown to be mediated via IGF-I R.

Note: This product is for in vitro research use only