

Datasheet for ABIN1474251
IGF1R Protein (AA 742-936) (His tag)



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Overview

Quantity:	1 mg
Target:	IGF1R
Protein Characteristics:	AA 742-936
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGF1R protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	DVLQVANTT MSSRSRNTTV ADTYNITDPE EFETEPFFFE SRVDNKERTV ISNLRPFTLY RIDIHSCNHE AEKLGCSASN FVFARTMPAE GADDIPGPVT WEPRPENSIF LKWPEPENPN GLILMYEIKY GSQVEDQREC VSRQEYRKYG GAKLNRLNPG NYTARIQATS LSGNGSWTDP VFFYVPAKTT YENFMH
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	IGF1R
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Target Details

Abstract:	IGF1R Products
Background:	Recommended name: Insulin-like growth factor 1 receptor. EC= 2.7.10.1. Alternative name(s): Insulin-like growth factor I receptor. Short name= IGF-I receptor CD_antigen= CD221 Cleaved into the following 2 chains: 1. Insulin-like growth factor 1 receptor alpha chain 2. Insulin-like growth factor 1 receptor beta chain
UniProt:	P24062
Pathways:	RTK Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Autophagy

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.