

Product datasheet

Recombinant Human Ghrelin Receptor/GHS-R protein
ab114485

1 Image

Description

Product name	Recombinant Human Ghrelin Receptor/GHS-R protein	
Expression system	Wheat germ	
Accession	Q92847	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MWNATPSEEPGFNLTLDLDWDASPGNDSLGDPELLQLF PAPLLAGVTATC VALFVVGIAGNLLTMLVVSFRFRELRTTTNLYLSSMAFSDLLI FLCMPLDL VRLWQYRPWNFGDLLCKLFQFVSECTYATVLTITALSVE RYFAICFPLR AKVVVTKGRVKLVIFVMWAVAFCSAGPIFVLVGVEHENG DPWDTNECRP TEFAVRSGLLTVMVWVSSIFFFLPVFCLTVLYSLIGRKLWR RRRGDAVVG ASLRDQNHKQTVKMLGGSQRALRLSLAGPILSLCLLPSL	
Predicted molecular weight	58 kDa including tags	
Amino acids	1 to 289	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab114485** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	SDS-PAGE
	Western blot
Form	Liquid
Additional notes	This product was previously labelled as Ghrelin Receptor.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function

Receptor for ghrelin, coupled to G-alpha-11 proteins. Stimulates growth hormone secretion. Binds also other growth hormone releasing peptides (GHRP) (e.g. Met-enkephalin and GHRP-6) as well as non-peptide, low molecular weight secretagogues (e.g. L-692,429, MK-0677, adenosine).

Tissue specificity

Pituitary and hypothalamus.

Involvement in disease

Defects in GHSR may be a cause of idiopathic short stature autosomal (ISSA) [MIM:604271]. Short stature is defined by a subnormal rate of growth.

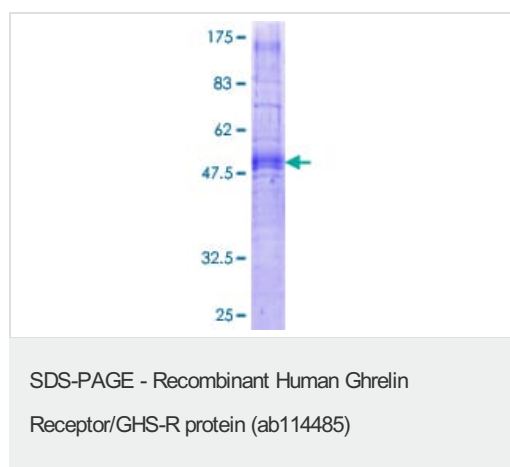
Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

Images



12.5% SDS-PAGE showing ab114485 at approximately 57.86kDa stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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