

Thyrotropin receptor

Catalog No: #AP79494



Package Size: #AP79494-1 50ug #AP79494-2 100ug #AP79494-3 1mg

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Description

Product Name	Thyrotropin receptor
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	290-413aa
Other Names	LGR3,Thyroid-stimulating hormone receptor,TSH-R
Accession No.	P16473Gene name:TSHR
Uniprot	P16473
GeneID	7253;
Calculated MW	13.64
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Receptor for the thyroid-stimulating hormone (TSH) or thyrotropin (PubMed:11847099, PubMed:12045258). Also acts as a receptor for the heterodimeric glycoprotein hormone (GPHA2:GPHB5) or thyrostimulin (PubMed:12045258). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:11847099). Plays a central role in controlling thyroid cell metabolism.

References

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Note: This product is for in vitro research use only