

Recombinant Human Follicle-stimulating hormone receptor(FSHR),partial

Catalog No: #AP70315

Package Size: #AP70315-1 20ug #AP70315-2 100ug #AP70315-3 1mg

Description

Product Name	Recombinant Human Follicle-stimulating hormone receptor(FSHR),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:18-366AASequence Info:Extracellular Domain
Other Names	Follitropin receptor
Accession No.	P23945
Calculated MW	43.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	CHHRICHCSNRVFLCQESKVTIIPSDLPRNAIELRFVLTKLRVIQKGAFSGFGDLEKIEISQNDVLEIEADVFSN LPKLHEIRIEKANNLLYINPEAFQNLPLNLYLLISNTGIKHLDPDVHKIHSQKVLDDIQDNINIHTIERNFSVGLSFES VILWLNKNGIQEIHNAFNGTQLDELNLSNNNLEELPNDVFHGASGPVILDISRTRIHSLPSYGLENLKKLRAR STYNLKKLPTLEKLVALMEASLTYPHCCAFANWRRQISELHPICNKSILRQEVDMYTQARGQRSSLAEDNES SYSRGFDMTYTEFDYDLCEVVDVTCSPKPDANPCEDIMGYNILR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Receptor for follicle-stimulating hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.

References

FSHR expression in adipose tissue.Liu X., Huang H., Sheng J. cDNA clones of human proteins involved in signal transduction sequenced by the Guthrie cDNA resource center (www.cdna.org).Kopatz S.A., Aronstam R.S., Sharma S.V. Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S. , Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H.,

Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S. Nat. Genet. 36:40-45(2004) Research Topic: Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.