

Recombinant Human Lutropin-choriogonadotropic hormone receptor(LHCGR),partial

Catalog No: #AP70501

Package Size: #AP70501-1 20ug #AP70501-2 100ug #AP70501-3 1mg

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Description

Product Name	Recombinant Human Lutropin-choriogonadotropic hormone receptor(LHCGR),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-363aaSequence Info:Extracellular Domain
Other Names	Luteinizing hormone receptor ;LHR ;LSH-R
Accession No.	P22888
Calculated MW	41.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	EALCPEPCNCVPDGA LRCPGPTAGL TRLSLAYLPVKVIPSQA FRGLNEVIKIEISQIDSLERIEANAFDNLNLSEI LIQNTKNLRYIEPGAFINLPRLKYLSICNTGIRKFPDVTKVFSSES NFIEICDNLHITTIPGNAFQGMNNE SVTLKL YGNGFEEVQSHAFNGTTLSLELKENVHLEKMHNGAFRGATGPKTLDISSTKLQALPSYGLESIQR LIATSSYS LKKLP SRETFVNLEATLTPSHCCA FRNLPTKEQNF SHSISENF SKQCESTVRKVNNKTL YSSMLAESELG WDY EYGFCLPKTPRCAPEPD AFN PCEDIMGYDFLR
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 lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.

References

Generation and annotation of the DNA sequences of human chromosomes 2 and 4.Hillier L.W., Graves T.A., Fulton R.S., Fulton L.A., Pepin K.H., Minx P., Wagner-McPherson C., Layman D., Wylie K., Sekhon M., Becker M.C., Fewell G.A., Delehaunty K.D., Miner T.L., Nash W.E., Kremitzki C., Oddy L., Du H. , Sun H., Bradshaw-Cordum H., Ali J., Carter J., Cordes M., Harris A., Isak A., van Brunt A., Nguyen C., Du F., Courtney L., Kalicki J., Ozersky P., Abbott S., Armstrong J., Belter E.A., Caruso L., Cedroni M., Cotton M., Davidson T., Desai A., Elliott G., Erb T., Fronick C., Gaige T., Haakenson W., Haglund K., Holmes A., Harkins R., Kim K., Kruchowski S.S., Strong C.M., Grewal N., Goyea E., Hou S., Levy A., Martinka S., Mead K., McLellan M.D., Meyer R., Randall-Maher J., Tomlinson C., Dauphin-Kohlberg S., Kozlowicz-Reilly A., Shah N., Swearengen-Shahid S., Snider J., Strong J.T., Thompson J., Yoakum M., Leonard S., Pearman C., Trani L., Radionenko M., Waligorski J.E., Wang C., Rock S.M., Tin-Wollam A.-M., Maupin R., Latreille P., Wendl M.C., Yang S.-P., Pohl C., Wallis J.W., Spieth J., Bieri T.A., Berkowicz N., Nelson J.O., Osborne J., Ding L., Meyer R., Sabo A., Shotland Y., Sinha P., Wohldmann P.E., Cook L.L., Hickenbotham M.T., Eldred J., Williams D., Jones T.A., She X., Ciccarelli F.D., Izaurralde E., Taylor J., Schmutz J., Myers R.M., Cox D.R., Huang X., McPherson J.D., Mardis E.R., Clifton S.W., Warren W.C., Chinwalla A.T., Eddy S.R., Marra M.A., Ovcharenko I., Furey T.S., Miller W., Eichler E.E., Bork P., Suyama M., Torrents D., Waterston R.H., Wilson R.K.Nature 434:724-731(2005)Research Topic:Neuroscience

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