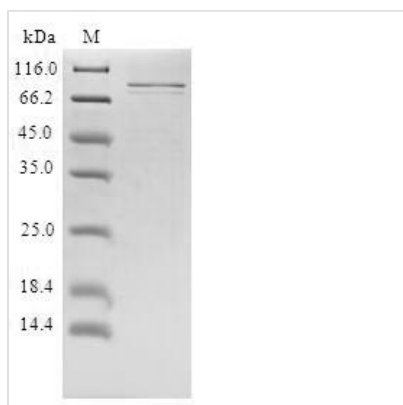




Recombinant Human Prolactin receptor(PRLR)

Product Code	CSB-CF018727HU
Relevance	This is a receptor for the anterior pituitary hormone prolactin (PRL). Acts as a prosurvival factor for spermatozoa by inhibiting sperm capacitation through suppression of SRC kinase activation and stimulation of AKT. Isoform 4 is unable to transduce prolactin signaling. Isoform 6 is unable to transduce prolactin signaling.
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.
Uniprot No.	P16471
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Transmembrane Protein
Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	QLPPGKPEIFKCRSPNKETFTCWWRPGTDGGLPTNYSPTYHREGETLMHECP DYITGGPNSCHFQKQYTSMWRTYIMMVNATNQMGSSFSDELYVDVTYIVQPD PPLELAVEVKQPEDRKPYLWIKWSPPTLIDLKTGWFTLLYEIRLKPEKAAEWI HFAGQQTEFKILSLHPGQKYLQVRCKPDHGYWSAWSPATFIQIPSDFTMNDT TVWISVAVLSAVICLIIVWAVALKGYSMVTCIFPPVPGPKIKGFDAHLLKKGKSE ELLSALGCQDFPPTSDYEDLLVEYLEVDDSEDQHLMSVHSKEHPSQGMKPTY LDPDTSGRGSCDSPSLSEKCEEPQANPSTFYDPEVIEKPENPETHTWDP QCISMEGKIPYFHAGGSKCSTWPLPQPSQHNPRSSYHNITDVCELAVGPAGA PATLLNEAGKDALKSSQTIKSREEGKATQQREVESFHSETDQDTPWLLPQEKT PFGSAKPLDYVEIHKNVDGALSLLPKQRENSGKPKKPGTPENNKEYAKVSGV MDNNILVLVPDPHAKNVACFEESAKEAPPSLEQNQA EKALANFTATSSKCRLQ LGGLDYLD PACFTHSFH
Research Area	Signal Transduction
Source	in vitro E.coli expression system
Gene Names	PRLR
Expression Region	25-622aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	71.9kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.