

Recombinant Human Inhibin beta A chain(INHBA)

Catalog No: #AP70448

Package Size: #AP70448-1 20ug #AP70448-2 100ug #AP70448-3 1mg

Description

Product Name	Recombinant Human Inhibin beta A chain(INHBA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:311-426aaSequence Info:Full Length
Other Names	Activin beta-A chain;Erythroid differentiation protein ;EDF
Accession No.	P08476
Calculated MW	29 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	GLECDGKVNICKKKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYMRGHSP FANLKSCCVPTKLRPMSMLYYDDGQNIKKDIQNMIVEECGCS
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

Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins,activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, bryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins.

References

Germline mutations of inhibins in early-onset ovarian epithelial tumors.Tournier I., Marlin R., Walton K., Charbonnier F., Coutant S., Thery J.C., Charbonnier C., Spurrell C., Vezain M., Ippolito L., Bougeard G., Roman H., Tinat J., Sabourin J.C., Stoppa-Lyonnet D., Caron O., Bressac-de Paillerets B., Vaur D. , King M.C., Harrison C., Frebourg T.Hum. Mutat. 35:294-297(2014) Research Topic:Signal Transduction

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