

Recombinant human Corticosteroid 11-beta-dehydrogenase isozyme 2

Catalog No: #AP72598

Orders: order@signalwayantibody.com

Package Size: #AP72598-1 20ug #AP72598-2 100ug #AP72598-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Corticosteroid 11-beta-dehydrogenase isozyme 2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-405aaSequence Info:Full Length
Other Names	11-beta-hydroxysteroid dehydrogenase type 2 ;11-DH2 ;11-beta-HSD211-beta-hydroxysteroid dehydrogenase type II ;-HSD11 type IINAD-dependent 11-beta-hydroxysteroid dehydrogenase ;11-beta-HSDShort chain dehydrogenase,reductase family 9C member 3
Accession No.	P80365
Uniprot	P80365
GenID	3291;
Calculated MW	46.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MERWPWPSGGAWLLVAARALLQLLRSDLRLGRPLLAALALLAALDWLCQRLPPPAALAVLAAAGWIALSRLA RPQRLPVATRAVLITGCDSGFGKETAKKLDMSGFTVLATVLELNSPGAIELRTCCSPRLRLLQMDLTKPGDISR VLEFTKAHTTSTGLWGLVNNAGHNEVADAELSPVATFRSCMEVNFNGALELTKGLLPLLRSSRGRIVTVGSP AGDMPYPCLGAYGTSKAAVALLMDTFSCCELLPWGVKVSIIQPGCFKTESVRNVGQWEKRRKQLLLANLPQELL QAYGKDYIEHLHGQFLHSLRLAMSDLTPVVDAITDALLAARPRRRYYPGQGLGLMYFIHYLPEGLRRRFLQAF FISHCLPRALQPGQPPTTPQDAAQDPNLSPGSPAVAR
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

Catalyzes the conversion of cortisol to the inactive metabolite cortisone. Modulates intracellular glucocorticoid levels, thus protecting the nonselective mineralocorticoid receptor from occupation by glucocorticoids.

References

Cloning and tissue distribution of the human 11 beta-hydroxysteroid dehydrogenase type 2 enzyme.Albiston A.L., Obeyesekere V.R., Smith R.E., Krozowski Z.S.Mol. Cell. Endocrinol. 105:R11-R17(1994)Research Topic:Cancer

Note: This product is for in vitro research use only