

Recombinant Human HSD17B12

Catalog No: #GP11637



Package Size: #GP11637-1 100ug

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Description

Product Name	Recombinant Human HSD17B12
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 25-180 amino acids of human hydroxysteroid (17-beta) dehydrogenase 12
Target Name	hydroxysteroid (17-beta) dehydrogenase 12
Other Names	KAR; SDR12C1
Accession No.	Swissprot:Q53GQ0Gene Accession:BC012043
Uniprot	Q53GQ0
GenID	51144;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a very important 17beta-hydroxysteroid dehydrogenase (17beta-HSD) that converts estrone into estradiol in ovarian tissue. This enzyme is also involved in fatty acid elongation. Catalyzes the transformation of estrone (E1) into estradiol (E2), suggesting a central role in estrogen formation. Its strong expression in ovary and mammary gland suggest that it may constitute the major enzyme responsible for the conversion of E1 to E2 in women.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only