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32-2272: DHRS9 Recombinant Protein

Alternative Name :	Dehydrogenase/reductase SDR family member 9,3-alpha hydroxysteroid dehydrogenase,3-alpha-HSD,NADP-dependent retinol dehydrogenase/reductase,RDH-E2,RDHL,Short-chain dehydrogenase/reductase retSDR8,DHRS9,RDH15,RDHTBE,SDR9C4,RETSDR8,3ALPHA-H

Description

Source : Escherichia Coli. DHRS9 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (18-319) and having a molecular mass of 35.9kDa.DHRS9 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Dehydrogenase/reductase SDR family member 9 (DHRS9) functions as a homotetramer, which converts both 3-alpha-tetrahydroprogesterone (allopregnanolone) and 3-alpha-androstanediol to dihydroxyprogesterone and is believed to have a part in retinoic acid biosynthesis.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The DHRS9 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMRKGKL KIEDITDKYI FITGCDSGFG NLAARTFDKK GFHVIAACLT ESGSTALKAE TSERLRTVLL DVTDPENVKR TAQWVKNQVG EKGLWGLINN AGVPGVLAPT DWLTLEDYRE PIEVNLFGLI SVTLNMLPLV KKAQGRVINV SSVGGRLAIV GGGYTPSKYA VEGFNDSLRR DMKAFGVHVS CIEPGLFKTN LADPVKVIEK KLAIWEQLSP DIKQQYGEGY IEKSLDKLKG NKSYVNMDLS PVVECMDHAL TSLFPKTHYA AGKDAKIFWI PLSHMPAALQ DFLLLKQKAE LANPKAV.

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