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PTGR2, 1-351aa, Human, His tag, E.coli

产品货号: TP03590

第三版

别名: Prostaglandin reductase 2, PGR2, ZADH1.

描述: PTGR2 belongs to the medium-chain dehydrogenase/reductase superfamily. PTGR2 catalyzes an NADPH-dependent reduction of the conjugated alpha,beta-unsaturated double bond of 15-keto-PGE(2), a key step in terminal inactivation of prostaglandins and suppression of PPARgamma-mediated adipocyte differentiation. Selective inhibition of PTGR2 may contribute to the improvement of insulin sensitivity with fewer side effects.

配方: Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 50mM NaCl

分子量: 41.1 kDa (375aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMIVQRVVLNSRPGKNGNPVAENFRMEEVYLPDNINEGQVQVRTLYLSVDPYMR
CRMNEDTGTDYITPWQLSQVVDGGGIGIIEESKHTNLTKGDFVTSFYWPWQTKVILDGNSLEKVDLPQLVDGHLSYFLGAI
GMPGLTSLIGIQEKGHITAGSNKTMVVSGAAGACGSVAGQIGHFLGCSR VVGICGTHEKCILLTSELGFDAAINYKKDNV
AEQLRESCPAGVDVYFDNVGGNISDTVISQMNENSHIILCGQISQYNKDVPYPPPLSPAIEAIQKERNITRERFLVLNYKDKF
EPGILQLSQWFKEGKLIKETVINGLENMGAAFQSM MTGGNIGKQIVCISEEISL

纯度: > 95% by HPLC

浓度: 1mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.