

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

HDHD2, 1-259aa, Human, His tag, E.coli

产品货号: TP02429

第三版

别名: Haloacid dehalogenase-like hydrolase domain containing 2, 3110052N05Rik, DKFZp564D1378

描述: Haloacid dehalogenase-like hydrolase domain containing 2, also known HDHD2, belongs to the HADlike hydrolase superfamily. This family of hydrolase enzymes includes L-2-haloacid dehalogenase, epoxide hydrolases and phosphatases. HDHD2 has two active sites, an L-2-haloacid dehalogenase and a carboxylate group. The L-2-haloacid dehalogenase active site catalyzes the hydrolytic dehalogenation of D- and L-2- haloalkanoic acids, producing L- and D-2-hydroxyalkanoic acids.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

分子量: 30.6 kDa (279aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAACRALKAVLVDSLGLHIEDAAVPGAQEALKRLRGASVIIRFVTNTTKESKQDLLERL
RKLEFDISEDEIFTSLTAARSLLERKQVRPMLLVDDRALPDFKGIQTSDPNAVVMGLAPEHFHYQILNQAFRLLLDGAPLIAI
HKARYYKRKDGALGPGPFVTALEYATDTKATVVGKPEKTFLEALRGTGCEPEEAVMIGDDCRDDVGG AQDVGMLGI
LVKTGKYRASDEEKINPPPYLTCESEPHAVDHILQHLL

纯度: > 95% by HPLC

浓度: 1 mg/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.