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ASPH, 75-270aa, Human, His tag, E.coli

产品货号: TP01252

第三版

别名:Aspartyl/asparaginyl beta-hydroxylase, AAH, BAH, CASQ2BP1, HAAH, JCTN, junctin.

描述:ASPH (Aspartate beta-hydroxylase) is a widely-expressed type II membrane protein involved in calcium homeostasis. Located in the endoplasmic reticulum, ASPH specifically hydroxylates an Asp or Asn residue in the epidermal growth factor-like (EGF) domains of several proteins, using iron as a cofactor.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT 10% glycerol

分子量:24.5 kDa (217aa)

序列:

MGSSHHHHHHSSGLVPRGSHMFDLVDYEEVLGKLGIIYDADGDGDFDVDDAKVLLGLKERSTSEPAVPPEEAEPHTEPEE
QVPVEAEPQNIIDEAKEQIQSLLHEMVHAEHETEHSYHVEETVSQDCNQDMEEMMSEQENPDSSEPVVEDERLHHHTD
DVTYQVYEEQAVYEPLENEGIEITEVTAPPEDNPVEDSQVIVEEVSIFPVVEEQQVPPDT

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.