

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

VAT1, 1-393aa, Human, His tag, E.coli

产品货号: TP04460

第三版

别名: Synaptic vesicle membrane protein VAT-1 homolog, VAT1, FLJ20230, vesicle amine transport protein 1 homolog

描述: VAT1 (Synaptic vesicle membrane protein VAT-1 homolog) belongs to the quinone oxidoreductase subfamily of zinc-containing alcohol dehydrogenase proteins. Synaptic vesicles are responsible for regulating the storage and release of neurotransmitters in the nerve terminal. This protein increased expression in glioblastomas and on wounding, in basal keratinocytes. This expression is calcium ion-dependent. Recombinant human VAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

分子量: 44.1kDa (413aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSDEREVAEAAATGEDASSPPPKTEAASDPQHHPAASEGAAAAAASPLLRLCLVLTGFGGY
DKVKLQSRPAAPPAPGPGQLTLRLRACGLNFADLMARQGLYDRLPPLPVTGMEGAGVVIAGGEGVSDRKAGDRVMVL
NRSGMWQEEVTVPSVQTFLIPEAMTFEEAAALLVNYITAYMVLDFGNLQPGHSLVHMAAGGVGMAAVQLCRTVEN
VTVFGTASASKHEALKENGVTHPIDYHTTDDYVDEIKKISPKGVDIVMDPLGGSDTAKGYNLLKPMGKVVTYGMANLLTG
PKRNLMALARTWWNQFSVTALQLLQANRAVCGFHLGYLDGEVELVSGVVARLLALYNQGHKPHIDSVWPFKVVADA
MKQMKEKKNVGVLLVPGPEKEN

纯度: > 95% by HPLC

浓度: 0.5mg/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.