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NAGA, 18-411aa, Human, His tag, Baculovirus

产品货号: TP03083

第三版

别名: Alpha-N-acetylgalactosaminidase, NAGA, D22S674, GALB, Acetylgalactosaminidase, alpha N (alpha galactosidase B), Alpha galactosidase B.

描述: NAGA, also known as alpha-N-acetylgalactosaminidase, is a lysosomal exoglycosidase that cleaves terminal alpha-N-acetylgalactosamine residues from glycopeptides and glycolipids. It is hardly expected to cause an allergic reaction in Fabry disease patients. It is highly promising as a new and safe enzyme for ERT for Fabry disease. Recombinant human NAGA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 45.5kDa (400aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

LDNGLLQTPPMGWLAWERFRCNINCDDEPKNCISEQLFMEMADRMAQDGWRDMGYTYLNIDDCWIGGRDASGRLMP
DPKRFPHGIPFLADYVHSLGLKLG IYADMGNFTCMGYPGTTLDKVVQDAQTF AEWKVDMLKLDGCFSTPEERAQGYPK
MAAALNATGRPIAFSCSWPAYEGGLPPRVNYSLLADICNLWRNYDDIQDSWWSVLSILNWFVEHQDILQPVAGPGHWN
DPDMLLIGNFGLSLEQSRAQMALWTVLAAPLLMSTDLRTISAQNMDILQNPLMIKINQDPLGIQGRRIHKEKSLIEVYMRPL
SNKASALVFFSCRTDMPYRYHSSLGQLNFTGSVIYEAQDVYSGDIISGLRDETNFTVIINPSGVVMWYLYPIKNLEMSQQHH
HHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.