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Nt5e, 29-551aa, Mouse, His-tag, Baculovirus

产品货号: TP03209

第三版

别名: 5-nucleotidase, Nt5e, 2210401F01Rik, AI447961, CD73, eNT, NT, Nt5, 5-NT

描述: Nt5e, also known as 5-nucleotidase, is the main enzyme responsible for conversion of AMP into the immunosuppressive molecule adenosine. It was demonstrated to play a direct role in tumor progression including regulation of tumor vascularization. It is of general functional importance for the metabolism of nucleotides at the ventricular surface of the retina as well as the ventricles of the brain, a feature that is maintained throughout development. Recombinant mouse Nt5e, 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: 59.1kDa (531aa), 50-70kDa (SDS-PAGE under reducing conditions)

序列:

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WELTILHTNDVHSRLEQTSDDSTKCLNASLCVGGVARLFTKVQQIRKEEENLFLDAGDQYQGTIWFTVYKGLEVAHFM  
NILGYDAMALGNHEFDNGVEGLIDPLLNRNVKFPILSANIKARGPLAHQISGLFLPSKVLVSGGEVVGIVGYTSKETPFLSNPG  
TNLVFEDEISALQPEVDKLTNLNVNKIIALGHSGFEMDKLIAQKVRGVDIVVGGHSNTFLYTGNPPSKEVPAGKYPFIVTA  
DDGRQVPVVQAYAFGKYLGYLKVVEFDDKGNVITSYGNPILLNSSIPEDATIKADINQWRIKLDNYSTQELGRTIVYLDGST  
QTCRFRECNMGNLICDAMINNNLRHPDEMFWNHVSMCIVNGGGIRSPIDEKNNGTITWENLAAVLPFGGTFDLVQLKG  
STLKKAFEHSVHRYGQSTGEFLQVGGIHVVYDINRKPWNRVVQLEVLCTKCRVPIYEPLMDKVYKVTLPYLANGGDG  
FQMIKDELLKHDSGDQDISVVSEYISKMKVVYPAVEGRIKFSLEHHHHHH
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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.