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Nrp1, 22-856aa, Mouse, His tag, Baculovirus

产品货号: TP03202

第三版

别名:Neuropilin-1, Nrp1, C530029I03, NP-1, NPN-1, Npn1, Nrp

描述:Nrp1, also known as Neuropilin 1, is a transmembrane glycoprotein that acts as a co-receptor for a number of extracellular ligands including class III/IV semaphorins, certain isoforms of vascular endothelial growth factor and transforming growth factor beta. It binds vascular endothelial growth factor (VEGF)-A and is thought to act as a coreceptor for kinase insert domain-containing receptor (KDR) by associating with KDR and enhancing VEGF signaling. It is a marker of regulatory T cells. Recombinant mouse Nrp1, 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 20% glycerol.

分子量:94.7kDa (843aa); 100-150KDa (SDS-PAGE under reducing conditions)

序列:

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FRSDKCGGTIKIENPGYLTSPGYPHSYHPSEKCEWLIQAPEPYQRIMINFNPHFDLEDRDCKYDYVEVIDGENEGGRLWGK  
FCGKIAPSPVSSGPFLFIKFSYDETHGAGFSIRYEIFKRGPECSQNYTAPTGVIKSPGFPEKYPNSLECTYIIFAPKMSEIILEFE  
SFDLEQDSNPPGGMFCRYDRLEIWDGFPEVGPVHIGRYCGQKTPGRIRSSSGVLSMVFYTDSIAIAKEGFSANYSVLQSSISEDF  
KCMEALGMESGEIHSDQITASSQYGTNWSVERSRLNYPENGWTPGEDSYKEWIVQVDLGLLRVFTAVGTQGAISKETKKKY  
YVKTYRVDISSNGEDWISLKEGNKAIIFQGNTNPTDVLVGFVSKPLITRFVRIKPVSWETGISMRFVYVYGCKITDYPCSGML  
GMVSGLISDSQITASNQADRNWMPENIRLVTSRTGWALPPSPHPYTNEWLQVDLGDEKIVRGVIIQGGKHRENKVFMRK  
FKIAYSNNGSDWKTIMDDSKRKAKSFEGNNNYDTPELRTFSPSTRFIRIYPERATHSGLGLRMELLGCEVEAPTAGPTTPN  
GNPVDECDDDQANCHSGTGDDFQLTGGTTVLATEKPTIIDSTIQSEFPTYGFNCFEGWGSHKTFCHWEHDSHAQLRWS  
VLTSKGTPIQDHTGDGNFIYSQADENQKGVARLVSPVVYSQSSAHCMTFWYHMSGSHVGTLRVKLRYQKPEEYDQLV  
WMVVGHQGDHWKEGRVLLHKSLKLYQVIFEIGEIGKGNLGGIAVDDISINNHISQEDCAKPTDLDKKNTEIKIDETGSTPG  
YEGEGEGDKNISRKPGNVLKTLDPLEHHHHHH
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纯度:> 95% by HPLC

浓度:0.25mg/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.