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Nrp1, 22-855aa, Rat, His tag, Baculovirus

产品货号: TP03201

第三版

别名:Neuropilin-1, Nrp1, NRP

描述:Nrp1, also known as neuropilin-1, is a transmembrane glycoprotein that regulates axon guidance and angiogenesis. It acts as a receptor for two different extracellular ligands, class 3 semaphorins and specific isoforms of vascular endothelial growth factor. It is likely to mediate contacts between the dendritic cells and the T lymphocytes via homotypic interactions and is essential for the initiation of the primary immune response. Recombinant rat 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 10% glycerol.

分子量:94.8kDa (842aa); 100-150kDa (SDS-PAGE under reducing conditions)

序列:

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FRSDKCGGTIKIENPGYLTSPGYPHSYHPSEKCEWLIQAPEPYQRIMINFNPHFDLEDRDCKYDYVEVIDGENEGGRLWGK  
FCGKIAPSPVVSSGPFLFIKFSYDETHGAGFSIRYEIFKRGPECSQNYTAPTGVIKSPGFPEKYPNSLECTYIIFAPKMSEIILEFE  
SFDLEQDSNPPGGVFCRYDRLEIWDGFPEVGPPIHGRYCGQKTPGRIRSSGILSMVFYTDSDAIKEGFSANYSVLQSSISEDFK  
CMEALGMESGEIHSDQITASSQYGTNWSVERSRLNYPENGWTPGEDSYREWIQVDLGLLRVFTAVGTQGAISKETKKKYY  
VKTYRVDISSNGEDWITLKEGNKAIIFQGNTNPTDVFVGFPLITRFVRIKPAWETGISMRFVYGGCKITDYPCSGMLG  
MVSGLISDSQITASNQGDNRNWPENIRLVTSRTGWALPPSPHPYINEWLQVDLGDKEIVRGVVIQGGKHRENKVFMRKFK  
IAYSNNGSDWKMIMDDSKRKAKSFEGNNNYDTPELRAFTPLSTRFIRIYPERATHSGLGLRMELLGCEVEVPTAGPTTPNG  
NPVDECDDDQANCHSGTGDDFQLTGGTTVLATEKPTIIDSTIQSEFPTYGFNCFEGWGSHTFCHWEHDSHAQLRWRV  
LTSKTGPIQDHTGDGNFIYSQADENQKGVARLVSPVVYSQSSAHCMTFWYHMSGSHVGTLRVKLHYQKPEEYDQLVW  
MVGHGQGDHWKEGRVLLHKSLKLYQVIFEGEIGKGNLGGIAVDDISINNHIPQEDCAKPTDLDDKKNTEIKIDETGSTPGY  
EEGKGDKNISRKPGNVLKTLDPLEHHHHHH
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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.