

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN CD304 PROTEIN, HIS TAG

货号: 11577 产品全名: 人 CD304 蛋白 规格: 10/50/100 μg 基因符号 Neuropilin-1;NRP1 目标蛋白: CD304

UNIPROT ID: 014786

描述: Recombinant human CD304 protein with C-terminal 6xHis tag

背景: This gene encodes one of two neuropilins, which contain specific protein domains which allow them to participate in several different types of signaling pathways that control cell migration. Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding, coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands and coreceptors bound by neuropilins are vascular endothelial growth factor (VEGF) and semaphorin family members. This protein has also been determined to act as a co-receptor for SARS-CoV-2 (which causes COVID-19) to infect host cells. [provided by RefSeq, Nov 2020] 物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 94.6 kDa after removal of the signal peptide. The apparent molecular mass of CD304-His is approximately 100-130 kDa due to glycosylation.

分子特征: CD304(Phe22-Pro856) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010

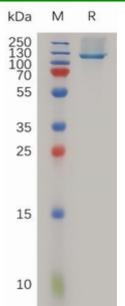


Figure 1. Human CD304 Protein, His Tag on SDS-PAGE under reducing condition.