

HUMAN SEMA7A PROTEIN, HIS TAG

货号: 11973

产品全名: 人 SEMA7A 蛋白

规格: 10/50/100 µg

基因符号 CD108;CDw108;H-SEMA-K1;H-Sema-L;JMH;SEMAK1;SEMAL

目标蛋白: SEMA7A

UNIPROT ID: O75326

描述: Recombinant Human SEMA7A Protein with C-terminal 6xHis tag

背景: This gene encodes a member of the semaphorin family of proteins. The encoded preproprotein is proteolytically processed to generate the mature glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein. The encoded protein is found on activated lymphocytes and erythrocytes and may be involved in immunomodulatory and neuronal processes. The encoded protein carries the John Milton Hagen (JMH) blood group antigens. Mutations in this gene may be associated with reduced bone mineral density (BMD). Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 69.2 kDa after removal of the signal peptide. The apparent molecular mass of SEMA7A-His is approximately 70-100 kDa due to glycosylation.

分子特征: SEMA7A(Gln45-Leu647) 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.



Figure 1. Human SEMA7A Protein, His Tag on SDS-PAGE under reducing condition.