

## HUMAN CD166 PROTEIN, HIS TAG

货号: 11466

产品全名: 人 CD166 蛋白

规格: 10/50/100 µg

基因符号 CD166;MEMD

目标蛋白: CD166

**UNIPROT ID:** Q13740

**描述:** Recombinant human CD166 protein with C-terminal 6xHis tag

**背景:** This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation 166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigen CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, Aug 2011]

**物种/宿主:** HEK293

**分子量:** The protein has a predicted molecular mass of 56.8 kDa after removal of the signal peptide. The apparent molecular mass of CD166-His is approximately 55-100 kDa due to glycosylation.

**分子特征:** CD166(Trp28-Ala526) 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 CD166 Protein, His Tag on SDS-PAGE under reducing condition.