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TREM2, 19-161aa, Human, His tag, E.coli

产品货号: TP04307

第三版

别名: Triggering receptor expressed on myeloid cells 2, Trem2a, Trem2b, Trem2c

描述: TREM2 is a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The protein functions in immune response and maybe involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOS). Alternative splicing results in multiple transcript variants encoding different isoforms. Recombinant human TREM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 20.4kDa (181aa) confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMHNTTVFQGVAGQSLQVSCPYPDSMKHWGRRKAWC
RQLGEKGPCQRV/VSTHNLWLLSFLRRWNGSTAITDDTLGGTLITLRNLQPHDAGLYQCQSLHGSEADTLRKVLVEVLA
DPLDHRDAGDLWFPGESESFEDAHVEHSISR

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

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.