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Angiopoietin-1 receptor, 23-746aa, Mouse, His tag, Insect cell

产品货号: TP01154

第三版

别名: Tek, Hyk, Tie-2, Tie2, CD202b, AA517024, STK1

**描述:** TEK, also known as angiopoietin-1 receptor isoform 2, is cell-surface receptor for ANGPT1, ANGPT2 and ANGPT4. It regulates angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton. This protein effects by preventing the leakage of proinflammatory plasma proteins and leukocytes from blood vessels. Recombinant mouse TEK, 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:** 81.6kDa (730aa) 70-100kDa (SDS-PAGE under reducing conditions.)

**序列:**

AMDLILINSLPLVSDAETSLTCIASGWHHPHEPITIGRDFEALMNQHQPLETEVTQDVTREWAKKVVWKREKASKINGAYFC  
EGRVVRGQAIRIRTMKMRQQASFLPATLMTVDRGDNVNISFKKVLIKEEDAVIYKNGSFIHSVPRHEVPDILEVHPLHAQP  
QDAGVYSARYIGGNLFTSAFTRLIVRRCEAQKWGPDCSRPCTTCKNNGVCHEDTGECICPPGFMGRTEKACEPHTFGR  
TCKERCSPGEGCKSYVFLPDPYGCSCATGWRGLQCNEACPSGYYGPDCKLRCHCTNEEICDRFQGCLCSQGWQGLQC  
EKEGRPRMTPQIEDLPDHIEVNSGKFNPKASGWPLPTSEEMTLVKPDGTVLQPNDFNYTDRFSVAIFTVNRVLPDPSGV  
WVCSVNTVAGMVEKPFNISVKVLPEPLHAPNVIDTGHNFAIINISSEPYFGDGPISKKLFYKPVNQAWKYIEVTNEIFTLN  
YLEPRTDYELCVQLARPGEGGEGHPGPVRRFTTASIGLPPPRGLSLLPKSQTALNLTWQPIFTNSEDEFYVEVERRSLQTTSD  
QQNIKVPGNLTSVLLSNLVPREQYTVRARVNTKAQGEWSEELRAWTLSDILPPQPENIKISNITDSTAMVSWTIVDGYSISSI  
IIRYKVQGKNEDQHIDVKIKNATVTQYQLKGLEPETTYHVDIFAENNIGSSNPAFSHELRTLPHSPASADLGGGKMLHHH  
HHH

**纯度:** > 95% by HPLC

**浓度:** 0.5mg/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.