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OXSR1, 1-527aa, Human, His tag, E.coli

产品货号: TP03275

第三版

**别名:** Serine/threonine-protein kinase OSR1, KIAA1101, OSR1, Oxidative stress-responsive 1 protein, Serine threonine-protein kinase OSR1

**描述:** OXSR1 is a member of the neuronal calcium sensor gene family, which encode calcium-binding proteins expressed predominantly in neurons. This protein regulates G protein-coupled receptor phosphorylation in a calcium-dependent manner and can substitute for calmodulin. It is associated with secretory granules and modulates synaptic transmission and synaptic plasticity. Multiple transcript variants encoding different isoforms have been found for this gene. Recombinant human OXSR1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 1X Phosphate Buffered Saline (pH7.4) containing 30% glycerol, 1mM DTT

**分子量:** 60.4. kDa (550aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMSEDSSALPWSINRDDYELQEVIGSGATAVVQAAYCAPKKEKVAIKRINLEKCQTS  
MDELLKEIQAMSQCHHPNIVSYTFSVVKDELWLVKLLSGGSVLDIIKHIVAKGEHKSGVLDESTIATILREVLEGLLEYLH  
KNGQIHRDVKAGNILLGEDGSVQIADFGVSAFLATGGDITRNKVRKTFVGTPCWMAPEVMEQVRGYDFKADIWSFGITA  
IELATGAAPYHKYPPMKVLMMLTLQNDPPSLETGVQDKEMLKKYGKSFKRMISLCLQKDPEKRPTAAELLRHKFFQKAKNK  
EFLQEKTQRAPTISERAKKVRVPGSSGRLHKTEDGGWEWSDDEFDEESEEGKAAISQLRSPRVKESISNSELFPTTDPVGT  
LLQVPEQISAHLPPAGQIATQPTQVSLPPTAEPAKTAQALSSGSGSQETKIPISLVLRRLRNSKKELNDIRFEFTPGRDTAEGV  
SQELISAGLVDGRDLVIVAANLQKIVEEPQSNRSVTFKLAGSVEGSDIPDDGKLIGFAQLSIS

**纯度:** > 95% by HPLC

**浓度:** 0.5mg/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.