

Oxidative Stress Responsive 1 Human Recombinant

Item Number	rAP-4227
Synonyms	Serine/threonine-protein kinase OSR1, Oxidative stress-responsive 1 protein, KIAA1101, OSR1, OXSR1, Oxidative Stress Responsive 1.
Description	OXSR1 Human Recombinant produced in E. coli is a single polypeptide chain containing 550 amino acids (1-527) and having a molecular mass of 60.4kDa. OXSR1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O95747
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEDSSA LPWSINRDDY ELQEVIGSGA TAVVQAAYCA PKKEKVAIKR INLEKCQTSM DELLKEIQAM SQCHHPNIVS YYTSFVVKDE LWLVMKLLSG GSVLDIIKHI VAKGEHKSGV LDESTIATIL REVLEGLEYL HKNGQIHRDV KAGNILLGED GSVQIADFGV SAFLATGGDI TRNKVRKTFV GTPCWMAPEV MEQVRGYDFK ADIWSFGITA IELATGAAPY HKYPPMKVLM LTLQNDPPSL ETGVQDKEML KKYGKSFRKM ISLCLQKDPE KRPTAAELLR HKFFQKAKNK EFLQEKTLQR APTISERAKK VRRVPGSSGR LHKTEDGGWE WSDDEFDEES EEGKAAISQL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The OXSR1 solution (0.5mg/1ml) contains Phosphate Buffered Saline (pH7.4), 30% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**