

32-4375: Recombinant Human Oral Cancer Overexpressed 1

Alternative Name : Oral cancer-overexpressed protein 1, Tumor-amplified and overexpressed sequence 1, ORAOV1, TAOS1.

Description

Source : Escherichia Coli. ORAOV1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 161 amino acids (1-137 a.a) and having a molecular mass of 17.9kDa. ORAOV1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Oral cancer-overexpressed protein 1 (ORAOV1) is a candidate oncogene in the 11q13 chromosomal region. Functional analyses showed that ORAOV1 was involved in the regulation of HeLa cell growth via its effect on cell cycle and apoptosis. ORAOV1 is widely expressed; it has a high expression in the placenta, kidney and skeletal muscle. ORAOV1 is amplified and overexpressed in oral cancer cells.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	ORAOV1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSHMAGSQD IFDAIVMADE RFHGEGYREG YEEGSSLGVM EGRQHGTLHG AKIGSEIGCY QGFAPAWKCL LHSCTTEKDS RKMKVLESLI GMIQKFPYDD PTYDKLHEDL DKIRGKFKQF CSLLNVQPDF KISAEGSGLS F.

