

# ORAOV1 Protein, Human Recombinant

12/20

<b>CATALOG NO:</b>	P1631-10 10 µg P1631-50 50 µg
<b>ALTERNATE NAMES:</b>	TAOS1; Tumor amplified and overexpressed sequence 1; Tumor-amplified and overexpressed sequence 1; Oral cancer-overexpressed protein 1; Oral cancer overexpressed protein 1-A; ORAOV1 oral cancer overexpressed 1
<b>MOL. WT.</b>	17.9 kDa
<b>ACCESSION NO:</b>	NP_703152, Q8WV07
<b>PURITY:</b>	≥ 90% by SDS-PAGE
<b>SOURCE:</b>	<i>E.coli</i>
<b>TAG:</b>	His-Tag
<b>AMINO ACID SEQUENCE:</b>	The target protein is expressed with the sequence (161aa) of ORAOV1 protein S2 fused to His-tag at the C-terminus.
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 10% glycerol.
<b>STORAGE CONDITIONS:</b>	Can be stored at +2 °C to +8 °C for 1 week. For long term storage, aliquot and store at -20 °C to -80 °C. Avoid repeated freezing and thawing cycles.
<b>DESCRIPTION:</b>	Oral cancer-overexpressed protein 1 (ORAOV1) is found in many solid tumors, making a key contribution to the development of cancer. It is found as a key candidate oncogene in the 11q13 chromosomal region, based on its amplification and overexpression in oral cancer cell lines. Functional analyses revealed that ORAOV1 was involved in the regulation of HeLa cell growth through its effect on cell cycle and apoptosis. Recombinant human ORAOV1 protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques.

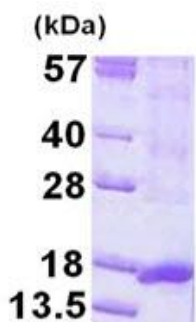


Fig A. 3 µg of ORAOV1 protein was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain.

## RELATED PRODUCTS:

TAOK1 Antibody (Cat No : 3776)

Ascofuranone (Cat No: B3223)

TAOK1 Antibody (Cat No: 3776R)

**FOR RESEARCH USE ONLY! Not to be used on humans.**