

Recombinant human ORAOV1 protein

Catalog Number: ATGP1521

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-137aa

UniProt No.

Q8WV07

NCBI Accession No.

NP_703152.1

Alternative Names

Oral cancer-overexpressed protein 1, TAOS1

PRODUCT SPECIFICATION

Molecular Weight

17.9 Da (161aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Oral cancer-overexpressed protein 1 (ORAOV1) was found as a candidate oncogene in the 11q13 chromosomal region. 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 E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGSH>MAGSQD IFDAIVMADE RFHGEGYREG YEEGSSLGVM EGRQHGTLHG

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AKIGSEIGCY QGFAPAWKCL LHSCTTEKDS RKMKVLESLI GMIQKFPYDD PTYDKLHEDL DKIRGKFKQF CSLLNVPDF
KISAEGSGLS F

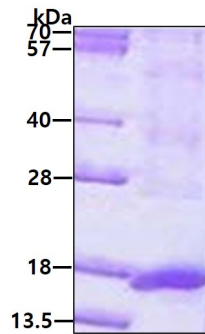
General References

Xavier F C., et al. (2011) J Oral Pathol Med. 28:10.

Jiang L., et al. (2010) Mol Cancer. 28: 20.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.