Recombinant human Otoraplin/OTOR protein

Catalog Number: ATGP3016

PRODUCT INFORMATION

Expression system
E.coli

Domain
26-128aa

UniProt No.
Q9NRC9

NCBI Accession No.
NP_064542

Alternative Names
Otoraplin, Otoraplin, FDP, MIAL1

PRODUCT SPECIFICATION

Molecular Weight
14.3 kDa (128aa)

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol, 1mM DTT

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
OTOR also known as Otoraplin, is a member of the melanoma-inhibiting activity gene family. The protein is secreted via the Golgi apparatus and may function in cartilage development and maintenance. A frequent polymorphism in the translation start codon of this gene can abolish translation and may be associated with forms of deafness. Recombinant human OTOR protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

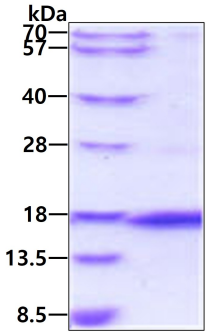
<MGSSHHHHHH SSGLVPRGSH MGSHM>LASKK LCADDECVYT ISLASAQEDY NAPDCRFINV KKGQQIYVYS KLVKENGAGE FWAGSVYGDG QDEMGVVGYF PRNLVKEQRV YQEATKEVPT TDIDFFCE

General References

Robertson N.G., et al. (2000) Genomics 66:242-248.
Rendtorff N.D., et al. (2001) Genomics 71:40-52.

DATA

SDS-PAGE



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