Datasheet for ABIN935700

Otoraplin Protein (OTOR)

Go to Product page

Overview

Quantity:	20 µg
Target:	Otoraplin (OTOR)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	MVHGIFMDRL ASKKLCADDE CVYTISLASA QEDYNAPDCR FINVKKGQQI YVYSKLVKEN GAGEFWAGS VYGDGQDEMG VVGYFPRNLV KEQRVYQEAT KEVPTTDIDF FCE
Characteristics:	Purified recombinant Human OTOR protein Expression System: E.coli
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	Otoraplin (OTOR)
Alternative Name:	OTOR (OTOR Products)
Background:	OTOR, also called Otoraplin and MIAL, is a secreted cytokine and a member of the MIA/OTOR family. Members of this family which also includes MIA, MIA2, and TANGO share a Src homology-3 (SH3)-like domain. OTOR is predominantly expressed in the cochlea of the inner-ear and to a lesser extent in fetal brain and in some cartilage tissues. OTOR appears to be

Target Details

	involved in early chondrogenesis of the otic capsule, which is required for normal inner ear development and auditory function. Alternative Names: MIAL protein, Otoraplin protein
Molecular Weight:	12.7 kDa
Pathways:	Sensory Perception of Sound, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Supplied as a lyophilized powder.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.