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DATA SHEET

Otoraplin Human Recombinant

Item Number	rAP-0719
Synonyms	Otoraplin, Fibrocyte-derived protein, Melanoma inhibitory activity-like protein, OTOR, MIAL, FDP, MIAL1, MGC126737, MGC126739.
Description	Otoraplin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 111 amino acids and having a molecular mass of 12.7 kDa.The OTOR is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9NRC9
Amino Acid Sequence	VHGIFMDRLASKKLCADDECVYTISLASAQEDYNAPDCRFINVKKGQQIYVYSKLVKENGAGEFWAGSVYGDGQDEMGVVGYFPRNLVKEQRVYQEATKEVPTTDIDFFCE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized OTOR Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution OTOR should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	The OTOR protein was lyophilized from a concentrated (1mg/ml) solution containing 20mM PBS pH-7.4 and 130mM NaCl. Greater than 98.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Otoraplin in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only