9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MREG Human

Melanoregulin Human Recombinant
RCP1392

Product Overview

Name	MREG Human
Description	
Melanoregulin Human Recombinant	
Accession (Primary)	Q8N565
Synonyms	
Melanoregulin, DSU, Dilute Suppressor Protein Homolog, WDT2, Whn-Dependent Transcript 2.	
Introduction	
Melanoregulin (MREG) takes part in membrane fusion and in regulating the biogenesis of disk membranes of photoreceptor rods. MREG is expressed in photoreceptor cells as two isoforms as a result of alternative splicing. MREG interacts with Peripherin-2, a photoreceptor specific tetraspanin protein which is required to preserve normal cell structure during the renewal process of membrane fusion. Moreover, MREG plays a part in the incorporation of pigments into hair.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
MREG protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MGLRDWL RTVCCCCGCE CLEERALPEK EPLVSDNNPY SSFGATLVRD DEKNLWSMPH DVSHTEADDD RTLYNLIVIR NQQAKDSEEW QKLNYDIHTL RQVRREVRNR WKCILEDLGF QKEADSLLSV TKLSTISDSK NTRKAREMLL KLAEETNIFP TSWELSERYL FVVDRLIALD AAEEFFKLAR	

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RTYPKKPGVP CLADGQKELH YLPFPSP

Precautions

MREG Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8N565)