9051 Mira Mesa Blvd, #910094
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MT3 Human

Metallothionein 3 Human Recombinant
RCP1410

Product Overview

Name	MT3 Human
Description	
Metallothionein 3 Human Recombinant	
Accession (Primary)	P25713
Synonyms	
GIF, GIFB, GRIF, ZnMT3, Metallothionein-3, MT-3, Growth inhibitory factor, Metallothionein-III, MT-III, MT3.	
Introduction	
Metallothionein 3 (MT3) contains 3 zinc and 3 copper atoms per polypeptide chain and a minor amount of cadmium. MT3 inhibits survival and neurite formation of cortical neurons in vitro. MT3 also binds heavy metals.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The MT3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MDPETCP CPSGGSCTCA DSCKCEGCKC TSCKKSCCSC CPAECEKCAK DCVCKGGEAA EAEAEKCSCC Q.	
Precautions	
MT3 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (P25713)

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