

32-4249: Recombinant Human Metallothionein 3

Alternative Name : GIF,GIFB,GRIF,ZnMT3,Metallothionein-3,MT-3,Growth inhibitory factor,Metallothionein-III,MT-III,MT3.

Description

Source : Escherichia Coli. MT3 Human Recombinant produced in E. coli is a single polypeptide chain containing 91 amino acids (1-68) and having a molecular mass of 9.3kDa (molecular size on SDS-PAGE will appear higher).MT3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

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| Amount : | 10 µg |
| Purification : | Greater than 85% as determined by SDS-PAGE. |
| Content : | The MT3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSM DPETCP CPSGG SCTCA DSKCEGCKC TSKKSCCSC CPAECEKCAK DCVCKGGEAA EAEAECSCC Q. |