

### 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

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 85% as determined by SDS-PAGE.
<b>Content :</b>	The MT3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMDPETCP CPSSGGSTCA DSCKCEGCKC TSCKKSCCSC CPAECEKCAK DCVCKGGEAA EAEAEKSCC Q.

