Recombinant Human GDNF(*E.coli*-expressed)

Catalog Number: OM770101

Characteristics:

Source	*E.coli*
Description	Human GDNF(S78-I211) Accession #NP_000505.1
Predicted molecular mass	15.2 kDa

Specification:

Appearance	White powder,colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using SH-SY5Y human neuroblastoma cells. The ED50 for this effect is ≤20 ng/mL in the presence of Recombinant Human GDNF R alpha -1 .
Formulation	Lyophilized from a 0.22 um-filtered solution containing 20 mM Sodium Citrate, ,5% Mannitol, pH 2.5

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**