

NTF4, 81-210aa, Human, E.coli

Cat.NO.: TP03212

3th Edition

Synonyms:Neurotrophin-4, NT4, NT5, NTF5, NT-4/5.

Description:NTF4, also known as neurotrophin 4, is a member of a family of neurotrophic factors neurotrophins that control survival and differentiation of mammalian neurons. This protein is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF4-deficient mice only show minor cellular deficits and develop normally to adulthood.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 20% glycerol

Molecular Weight:14.1 kDa (131aa)

Sequences:

MGVSETAPASRRGELAVCDVSGWVTDRTAVDLRGREVEVLGEVPAAGGSPLRQYFFETRCKADNAEEGGPG
AGGGGCRGVDRRHVVSECKAKQSYVRALTADAQGRVGRWIRIDTACVCTLLSRTGRA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.