

DUSP13, 1-198aa Human, His tag, E.coli

Cat.NO.: TP01932

3th Edition

Synonyms:Dual specificity phosphatase 13, BEDP, DUSP13A, DUSP13B, MDSP, SKRP4, TMDP.

Description:DUSP13 (Dual specificity phosphatase 13) belongs to the protein-tyrosine phosphatase family. It cooperates with protein kinases to regulate cell proliferation and differentiation. DUSP13 is involved in the regulation of meiosis and/or differentiation of testicular germ cells during spermatogenesis.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:24.7kDa (222aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMDSLQKQDLRRPKIHGAVQASPYQPPTLASLQRLLWVRQAATLNHIDEVW
PSLFLGDAYAARDKSKLIQLGITHVVNAAAGKFQVDTGAKFYRGMSLEYGYGIEADDNPFFDL SVYFLPVARYIRAALS
VPQGRVLVHCAMGVSRSATLVLAFLMICENMTLVEAIQTVQAHRNICPNSGFLRQLQVLDNRLGRETGRF

Purity:> 95% by HPLC

Concentration:0.5mg/ml

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.