

**DSCR1 isoform b, 1-117aa, Human, Recombinant, E.coli**

**Cat.NO.: TP01926**

3th Edition

**Synonyms:**Down syndrome candidate region 1, calcipressin 1 isoform b

**Description:**The Down's syndrome candidate region 1 (DSCR1) protein, encoded by a gene located in the human chromosome 21, interacts with calcineurin and is overexpressed in Down's syndrome patients. DSCR1 Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A, possibly affecting central nervous system development.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT,100 mM NaCl

**Molecular Weight:**13kDa (117aa), confirmed by MALDI-TOF

**Sequences:**

MKLYFAQTLHIGSSHLAPPNPDQFLISPPASPPVGWKQVEDATPVINYDLLYAISKLGPGKEYELHAATDTTPSVVV  
HVCESDQEKEEEEEMERMRRPKPKIIQTRRPEYTPIHLS

**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.