

CSTF1, 1-431aa, Human, His-tag, Baculovirus

Cat.NO.: TP01761

3th Edition

Synonyms: Cleavage stimulation factor subunit 1, CSTF1, CstF-50, CstFp50

Description: CSTF1, also known as cleavage stimulation factor subunit 1, is one of the multiple factors required for polyadenylation of mammalian pre-mRNAs in vitro. It is functioning with cleavage-polyadenylation specificity factor, two cleavage factors, and poly(A)+ polymerase. It is involved in the 3' end processing of messenger RNA precursors. Recombinant human CSTF1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 1mM DTT, 20% glycerol.

Molecular Weight: 49.1kDa (437aa) 40-57kDa (SDS-PAGE under reducing conditions)

Sequences:

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

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.