Recombinant Human RNA/RNP complex-1-interacting phosphatase (DUSP11)

Product Code	CSB-EP007240HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75319
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSQWHHPRSG WGRRRDFSGR SSAKKKGGNH IPERWKDYLP VGQRMPGTRF IAFKVPLQKS FEKKLAPEEC FSPLDLFNKI REQNEELGLI IDLTYTQRYY KPEDLPETVP YLKIFTVGHQ VPDDETIFKF KHAVNGFLKE NKDNDKLIGV HCTHGLNRTG YLICRYLIDV EGVRPDDAIE LFNRCRGHCL ERQNYIEDLQ NGPIRKNWNS SVPRSSDFED SAHLMQPVHN KPVKQGPRYN LHQIQGHSAP RHFHTQTQSL QQSVRKFSEN PHVYQRHHLP PPGPPGEDYS HRRYSWNVKP NASRAAQDRR RWYPYNYSRL SYPACWEWTQ
Source	E.coli
Target Names	DUSP11
Protein Names	Recommended name: RNA/RNP complex-1-interacting phosphatase EC= 3.1.3.- Alternative name(s): Dual specificity protein phosphatase 11 Phosphatase that interacts with RNA/RNP complex 1
Expression Region	1-330
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product is localized to the nucleus and binds directly to RNA and splicing factors, and thus it is suggested to participate in nuclear mRNA metabolism.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

	concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.