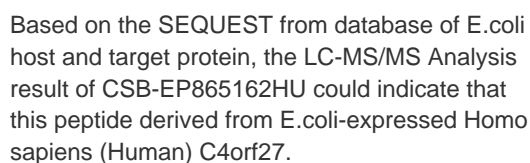
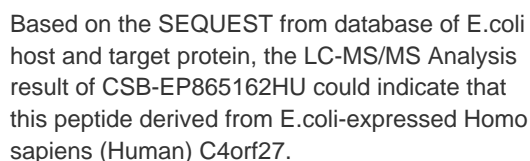




# Recombinant Human Histone PARylation factor 1 (HPF1)

<b>Product Code</b>	CSB-EP865162HU
<b>Relevance</b>	Acts as a cofactor for serine ADP-ribosylation by conferring serine specificity on PARP1 and PARP2: interacts with PARP1 and PARP1 and is able to change amino acid specificity toward serine. Promotes histone serine ADP-ribosylation in response to DNA damage, limiting DNA damage-induced PARP1 hyper-automodification, and ensuring genome stability
<b>Abbreviation</b>	Recombinant Human HPF1 protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9NWX4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	MVGGGGKRRPGGEGPQCEKTTDVKKSKFCEADVSSDLRKEVENHYKLSLPE DFYHFWKFCEELDPEKPSDSLSSASLGLQLVGPYDILAGKHKTXXXSTGLNFNL HWRFYDPPPEFQTIIGDNKTQYHMGYFRDSPDEFVYVGINEAKKNCIIVPNG DNVFAAVKLFLTKKLREITDKKINLLKNIDEKLTEAARELGYSLEQRTVKMKQR DKKVVTKTFHGAGLVVPVDKNDVGYRELPETDADLKRICKTIVEAASDEERLKA FAPIQEMMTFVQFANDECDYGMGLELGMDFCYGSHYFHKVAGQLLPLAYNL LKRNLFAEIEEHLANRSQENIDQLAA
<b>Research Area</b>	others
<b>Source</b>	E.coli
<b>Target Names</b>	HPF1
<b>Protein Names</b>	C4orf27
<b>Expression Region</b>	1-346aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	59.4 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



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.

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.