

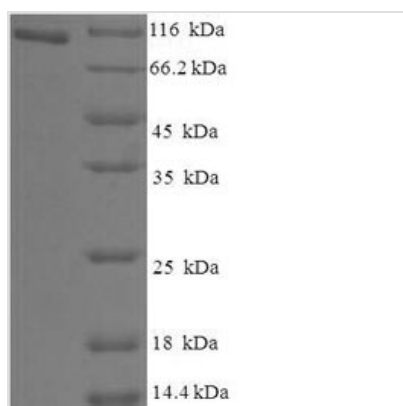


# Recombinant Human Holliday junction recognition protein (HJURP)

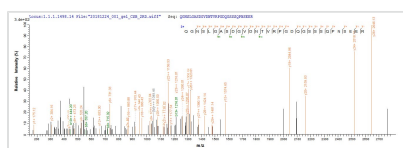
<b>Product Code</b>	CSB-EP010467HU
<b>Relevance</b>	Centromeric protein that plays a central role in the incorporation and maintenance of histone H3-like variant CENPA at centromeres. Acts as a specific chaperone for CENPA and is required for the incorporation of newly synthesized CENPA molecules into nucleosomes at replicated centromeres. Prevents CENPA-H4 tetramerization and prevents premature DNA binding by the CENPA-H4 tetramer. Directly binds Holliday junctions.
<b>Abbreviation</b>	Recombinant Human HJURP 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>	Q8NCD3
<b>Alias</b>	14-3-3-associated AKT substrateFetal liver-expressing gene 1 proteinUp-regulated in lung cancer 9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MLGTLRAMEGEDVEDDQLLQKLRRSRFQRRMQRLIEKYNQPFEDTPVVQ MATLTYETPQGLRIWGGRLIKERNEGEIQDSSMKPADRTDGSVQAAAWGP PSHRTVLGADSKSGEVDATSDQEEVAVWALAPVPQSPLKNELRRKYLTQVDI LLQGAIEYFECAGNRAGRDRVVTPLPSLAPVAPAGYCSRISRKSPGDPAPK ASSPREWDPLHPSSTDMAVPRNDSLQETSSSSFLSSQPFEDDDICNVTIS DLYAGMLHSMRLLSTKPSSIISTKTFIMQNWNSRRRHRYKSRMNKTYCKGAR RSQRSSKENFIPCSEPVKGTGALRDCKNVLDVSCRKTGLKLEKAFLEVNRPQI HKLDPSWKERKVTPSKYSSLIYFDSSATYNLDEENRFRTLKWLISPVKIVSRPTI RQGHGENRQREIEIRFDQLHREYCLSPRNQPRRMCLPDSWAMNMYRGGPAS PGGLQGLETRRLSLPSSKAKAKSLSEAFENLGKRSLEAGRCLPKSDSSSSLPK TNPTHSAATRPQQTSDLHVQGNSSGIFRKSVPSPKTLSPDKEVPVGHGRNRYD EIKKEFDKLHQKYCLKSPGQMTVPLCIGVSTDKASMEVRYQTEGFLGKLNPDP HFQGFQKLPSPLGCRKSLLGSTAIEAPSSTCVARAITRDGTRDHQFPAKRPR LSEPQGSGRQGNLGSAGDGVNTVRPGDQGSSSQPNSEERGENTSIRMEE KSDFMLEKLETKSV
<b>Research Area</b>	Cell Cycle
<b>Source</b>	E.coli
<b>Target Names</b>	HJURP
<b>Expression Region</b>	1-748aa



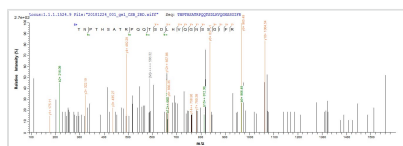
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	99.5kDa
<b>Protein Length</b>	Full Length

**Image**


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP010467HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) HJURP.



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<b>Reconstitution</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.
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