

# Recombinant Full Length Human HJURP Protein, GST-tagged

**Cat. No.** HJURP-3540HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Product Overview</b> | Human HJURP full-length ORF ( AAH01940.1, 1 a.a. - 482 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 482 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | HJURP (Holliday Junction Recognition Protein) is a Protein Coding gene. Diseases associated with HJURP include Fibrillary Astrocytoma. Among its related pathways are Chromosome Maintenance and Cell Cycle, Mitotic. GO annotations related to this gene include identical protein binding and histone binding.                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 80.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MLHMSRLLSTKPSSIISTKTFIMQNWNCRRRHRYKSRMNKTYCKGARRSQRSSKE<br>NFIPCSEPVKGTGALRDCKNVLDVSCRKTGLKLEKAFLEVNR PQIHKLDPSWKERKV<br>TPSKYSSLIYFDSSATYNLDEENRFRTLKWLISPVKIVSRPTIRQGHGENRQREIEIRF<br>DQLHREYCLSPRNQPRRMCLPDSWAMNMYRGGPASPGGLQGLETRRLSLPSSKA<br>KAKSLSEAFENLGKRSLEAGRCLPKSDSSSSLPKTNPTH SATRPQQTSDLHVQGNS<br>SGIFRKSVSPSKTLSVPDKEVP GHGRNRYDEIKEEFDKLHQKYCLKSPGQMTVPLCI<br>GVSTDKASMEVRYQTEGFLGKLNPDPHFQGFQKLPSSPLGCRKSLLGSTAIEAPSS<br>TCVARAITRDGTRDHQFPAKR PRLSEPQGSGRQGNL GASDGDNTVRPGDQGSS<br>SQPNSEERGENTS YRMEEKSDFMLEKLET KSV |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>        | Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.                                           |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HJURP Holliday junction recognition protein [ Homo sapiens ]                                                                                                                                                             |
| <b>Official Symbol</b> | HJURP                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | HJURP; Holliday junction recognition protein; DKFZp762E1312; FAKTS; hFLEG1; URLC9; fetal liver expressing gene 1; up-regulated in lung cancer 9; 14-3-3-associated AKT substrate; fetal liver-expressing gene 1 protein; |
| <b>Gene ID</b>         | 55355                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_018410                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_060880                                                                                                                                                                                                                |
| <b>MIM</b>             | 612667                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | Q8NCD3                                                                                                                                                                                                                   |

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