

## Recombinant Human CFAP20 Protein (1-193 aa), GST-tagged

**Cat. No.** CFAP20-2133H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CFAP20 Protein (1-193 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length.                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-193 aa                                                                                                                                                                                                                        |
| <b>Description</b>      | Cilium- and flagellum-specific protein that plays a role in axonemal structure organization and motility. Involved in the regulation of the size and morphology of cilia. Required for axonemal microtubules polyglutamylation. |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 49.8 kDa                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MFKNTFQSGFLSILYSIGSKPLQIWDKKVRNGHIKRITDNDIQSLVLEIEGTNVSTTYIT<br>CPADPKKTLGIKLPFLVMIKLNKKYFTFEVQVLDDKNVRRRFRASNYQSTTRVKPFIC<br>TMPMRLLDDGWNQIQFNLLDFTRRAYGTNYIETLRVQIHANCRIIRRVYFSDRLYSEDE<br>LPAEFKLYLPVQNKAKQ                  |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.                                                                                                                                                                                                                |

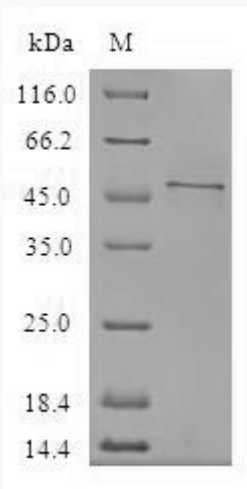
## GENE INFORMATION

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| <b>Gene Name</b>       | CFAP20 cilia and flagella associated protein 20 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | CFAP20                                                                   |
| <b>Synonyms</b>        | GTL3; BUG22; EVORF; fSAP23; C16orf80;                                    |
| <b>Gene ID</b>         | 29105                                                                    |
| <b>mRNA Refseq</b>     | NM_013242                                                                |
| <b>Protein Refseq</b>  | NP_037374                                                                |
| <b>UniProt ID</b>      | Q9Y6A4                                                                   |

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