

# Recombinant Full Length Human F8A2 Protein, C-Flag-tagged

**Cat. No.** F8A2-1753HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human F8A2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | This gene is part of a region that is repeated three times on chromosome X, once in intron 22 of the F8 gene and twice closer to the Xq telomere. This record represents the middle copy. Although its function is unknown, the observation that this gene is conserved in the mouse implies it has some function. Unlike factor VIII, this gene is transcribed abundantly in a wide variety of cell types.                                                                                                                                                                                                                     |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 38.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MAAAAAGLGGGGAGPGPEAGDFLARYRLVSNKLRFLRKPNVAEAGEQFGQLGR<br>ELRAQECLPYAAWCQ LAVARCQQALFHGPGEALALTEAARLFLRQERDARQRLVC<br>PAAYGEPLQAAASALGAAVRLHLELGQPAA AAALCLELAAALRDLGQPAAAAGHFQ<br>RAAQLQLPQLPLAALQALGEAASCQLLARDYTGALAVFTRMQRL AREHGSHPVQSL<br>P P P P P P A P Q P G P G A T P A L P A A L L P P N S G S A A P S P A A L G A F S D V L V R C E V S R V L L L L L<br>L Q P P P A K L L P E H A Q T L E K Y S W E A F D S H G Q E S S G Q L P E E L F L L L Q S L V M A T H E K D T E<br>A I K S L Q V E M W P L L T A<br>E Q N H L L H L V L Q E T I S P S G Q G V T R T R P L E Q K L I S E E D L A A N D I L D Y K D D D D K V |

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|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

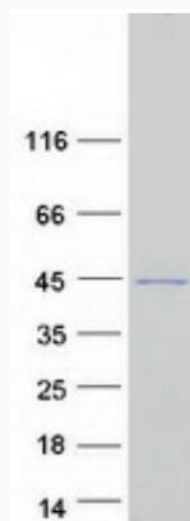
## GENE INFORMATION

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| <b>Gene Name</b>       | F8A2 coagulation factor VIII associated 2 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | F8A2                                                               |
| <b>Synonyms</b>        | HAP40                                                              |
| <b>Gene ID</b>         | 474383                                                             |
| <b>mRNA Refseq</b>     | NM_001007523.2                                                     |
| <b>Protein Refseq</b>  | NP_001007524.1                                                     |
| <b>UniProt ID</b>      | P23610                                                             |

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Coomassie blue staining of purified F8A2 protein.

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