

# Recombinant Full Length Human NXPE1 Protein, GST-tagged

**Cat. No.** NXPE1-4618HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FAM55A full-length ORF ( NP_689528.1, 1 a.a. - 405 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>    | 405 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | NXPE1 (Neurexophilin And PC-Esterase Domain Family Member 1) is a Protein Coding gene. An important paralog of this gene is NXPE2.                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 73.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MSSPALTAGASGKVMDFNNGTYLVSFTLFWEGQVSLSLLLIHPSEGASALWRARNQ<br>GYDKIIFKGK FVNGTSHVFTECGLTLNSNAELCEYLDDRDQEAFYCMKPQHMPCEA<br>LTYMTTRNREVSYLTDKENS LFHRSKVG VEMMKDRKHIDVTNCNKREKIEETCQVG<br>MKPPVPGGYTLQGWITTF CNQVQLDTIKINGCLKGKLIYLLGDSTLRQWIYYFPKVV<br>KTLKFFDLHETGIFKKHLLLD AERHTQIQWKKHSYPFVTFQLYSLIDHDYIPREIDRLS<br>GDKNTAIVITFGQHFRPFIDIFIRRAIGVQKAIERLFLRSPATKVIKTENIREMHIETER<br>FVDFHGYIHYLIMKDIFKDLNVGIIDAWDMTIAYGTDTHPPDHVIGNQINMFLNYIC |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                                                                                                               |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 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>       | NXPE1 neurexophilin and PC-esterase domain family member 1 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | <a href="#">NXPE1</a>                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | NXPE1; neurexophilin and PC-esterase domain family member 1; Neurexophilin And PC-Esterase Domain Family Member 1; Family With Sequence Similarity 55, Member A; Protein FAM55A; FAM55A; Neurexophilin And PC-Esterase Domain Family, Member 1; NXPE Family Member 1; NXPE family member 1; family with sequence similarity 55, member A; protein FAM55A |
| <b>Gene ID</b>         | <a href="#">120400</a>                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | <a href="#">NM_152315</a>                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | <a href="#">NP_689528</a>                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | <a href="#">Q8N323</a>                                                                                                                                                                                                                                                                                                                                   |

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