# Recombinant Full Length Human ESYT2 Protein, GST-tagged

**Cat. No.** ESYT2-4624HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human FAM62B full-length ORF ( AAH13957, 1 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 358 amino acids |
| **Description** | ESYT2 (Extended Synaptotagmin 2) is a Protein Coding gene. Among its related pathways are Metabolism and Sphingolipid metabolism. GO annotations related to this gene include calcium ion binding and phosphatidylinositol binding. An important paralog of this gene is ESYT1. |
| **Molecular Mass** | 65.12 kDa |
| **AA Sequence** | MSVGHKAQESKIRYKTNEPVWEENFTFFIHNPKRQDLEVEVRDEQHQCSLGNLKVP LSQLLTSEDMTVSQRFQLSNSGPNSTIKMKIALRVLHLEKRERPPDHQHSAQVKRPS VSKEGRKTSIKSHMSGSPGPGGSNTAPSTPVIGGSDKPGMEEKAQPPEAGPQGLH DLGRSSSSLLASPGHISVKEPTPSIASDISLPIATQELRQRLRQLENGTTLGQSPLGQI QLTIRHSSQRNKLIVVVHACRNLIAFSEDGSDPYVRMYLLPDKRRSGRRKTHVSKKT LNPVFDQSFDFSVSLPEVQRRTLDVAVKNSGGFLSKDKGLLGKVLVALASEELAKG WTQWYDLTEDGTRPQAMT |
| **Applications** | Enzyme-linked Immunoabsorbent Assay |

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| | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | ESYT2 extended synaptotagmin 2 [ Homo sapiens (human) ] |
| **Official Symbol** | ESYT2 |
| **Synonyms** | ESYT2; extended synaptotagmin 2; Extended Synaptotagmin 2; Family With Sequence Similarity 62 (C2 Domain Containing), Member B; CHR2SYT; FAM62B; E-Syt2; Extended Synaptotagmin-Like Protein 2; Extended Synaptotagmin Like Protein 2; Extended Synaptotagmin Protein 2; Extended Synaptotagmin-2; Chr2 Synaptotagmin; KIAA1228; extended synaptotagmin-2; chr2 synaptotagmin; extended synaptotagmin like protein 2; extended synaptotagmin protein 2; family with sequence similarity 62 (C2 domain containing), member B |
| **Gene ID** | 57488 |
| **mRNA Refseq** | NM_020728 |
| **Protein Refseq** | NP_065779 |
| **MIM** | 616691 |

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| **UniProt ID** | A0FGR8 |

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