

Product datasheet for **SR325492**

FAM55C (NXPE3) Human siRNA Oligo Duplex (Locus ID 91775)

Product data:

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| Product Type: | siRNA Oligo Duplexes |
| Purity: | HPLC purified |
| Quality Control: | Tested by ESI-MS |
| Sequences: | Available with shipment |
| Stability: | One year from date of shipment when stored at -20°C. |
| # of transfections: | Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM). |
| Note: | Single siRNA duplex (10nmol) can be ordered. |
| RefSeq: | <u>NM_001134456</u> , <u>NM_145037</u> , <u>NM_001348990</u> , <u>NM_001348991</u> , <u>NM_001348992</u> , <u>NM_001348993</u> , <u>NM_001348994</u> , <u>NM_001348995</u> , <u>NM_001348996</u> , <u>NM_001348997</u> , <u>NM_001348998</u> , <u>NR_145993</u> |
| UniProt ID: | <u>Q969Y0</u> |
| Synonyms: | FAM55C; MST115; MSTP115 |
| Components: | NXPE3 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 91775) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml |
| Summary: | This gene encodes a member of the neurexophilin family of neuropeptide-like glycoproteins. The encoded protein contains a variable N-terminal domain, a highly conserved neurexophilin and PC-esterase (NXPE) central domain, a short linker region, and a cysteine-rich C-terminal domain. This protein binds alpha neurexins, a group of presynaptic transmembrane receptors that promote adhesion between dendrites and axons. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017] |


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**Performance
Guaranteed:**

OriGene guarantees that at least two of the three Dicer-Substrate duplexes in the kit will provide at least 70% or more knockdown of the target mRNA when used at 10 nM concentration by quantitative RT-PCR when the TYE-563 fluorescent transfection control duplex (cat# SR30002) indicates that >90% of the cells have been transfected and the HPRT positive control (cat# SR30003) provides 90% knockdown efficiency.

For non-conforming siRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the siRNA kit. To arrange for a free replacement with newly designed duplexes, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled siRNA control (quantitative RT-PCR data required).