



# Human SLC5A4 peptide (DAG-P1170)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                     |  |
|---------------------|--|
| Antigen Description | SLC5A4 is a sodium dependent low affinity glucose cotransporter.                 |
| Conjugate           | Unconjugated   |
| Format              | Liquid   |
| Preservative        | None   |
| Storage             | Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. |

## GENE INFORMATION

|                     |   |
|---------------------|---|
| Gene Name           | <a href="#">SLC5A4 solute carrier family 5 (glucose activated ion channel), member 4 [ Homo sapiens (human) ]</a>   |
| Official Symbol     | SLC5A4  |
| Synonyms            | SLC5A4; solute carrier family 5 (glucose activated ion channel), member 4; SAAT1; SGLT3; DJ90G24.4; low affinity sodium-glucose cotransporter; sodium transporter; Na(+)/glucose cotransporter 3; sodium/glucose cotransporter 3; solute carrier family 5 member 4; low affinity sodium glucose cotransporter; solute carrier family 5 (low affinity glucose cotransporter), member 4; solute carrier family 5 (neutral amino acid transporters, system A), member 4; |
| Entrez Gene ID      | <a href="#">6527</a>  |
| mRNA Refseq         | <a href="#">NM_014227.2</a>   |
| Protein Refseq      | <a href="#">NP_055042.1</a>   |
| UniProt ID          | Q9NY91  |
| Chromosome Location | 22q12.3   |

|                 |  |
|-----------------|--|
| <b>Pathway</b>  | Hexose transport, organism-specific biosystem; Inositol transporters, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; Na <sup>+</sup> -dependent glucose transporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compound |
| <b>Function</b> | symporter activity;  |