

[Go to Product page](#)

Datasheet for ABIN7505154

Calnexin Protein (CANX) (AA 21-251) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | Calnexin (CANX) |
| Protein Characteristics: | AA 21-251 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Calnexin protein is labelled with His tag. |

Product Details

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| Sequence: | His 21-Leu 251 |
| Characteristics: | A DNA sequence encoding the Human CANX protein (P27824) (His 21-Leu 251) was expressed with a N-10His tag. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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| Target: | Calnexin (CANX) |
| Alternative Name: | Calnexin (CANX Products) |
| Background: | <p>Background: Calnexin/CANX is a single-pass type I membrane protein which belongs to the calreticulin family. It consists of a large N-terminal calcium-binding luminal domain, a single transmembrane helix and a short (90 residues), acidic cytoplasmic tail. The function</p> <p>Synonym: Calnexin, IP90, Major Histocompatibility Complex Class I Antigen-Binding Protein</p> |

Target Details

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| | p88, p90, CANX |
| Molecular Weight: | 25.3 kDa |
| UniProt: | P27824 |
| Pathways: | MAPK Signaling , Thyroid Hormone Synthesis |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date: | 12 months |