

Recombinant Human VNN1/Vanin-1 protein ab152005

| Description | |
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| Product name | Recombinant Human VNN1/Vanin-1 protein |
| Purity | > 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. |
| Endotoxin level | < 1.000 Eu/µg |
| Expression system | HEK 293 cells |
| Accession | <u>O95497</u> |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | QDTFTAAVYEHAAILPNATLTPVSREEALALMNRNLDILEG AITSAADQG AHIIVTPEDAIYGWNFNDRSLYPYLEDIPNPEVNWIPCNNRN RFGQTPVQ ERLSCLAKNNSIMVVANIGDKKPCDTSDPQCPPDGRYQYN TDVVFDSQGK LVARYHKQNLFMGENQFNVPKEPEMTFNTTFGSFGIFTCTF DILFHDPV TLVKDFHVDTVFPTAWMNVLPPLSAVEFHSAWAMGMRV NFLASNIHYPS KKMTGSGIYAPNSSRAFHMDKTEEGKLLLSQLDSHPSHS AVVNWTSYAS SIEALSSGNKEFKGTVFFDEFTFVKLTGVAGNYTVCQKDL CCHLSYKMSE NIPNEVYALGAFDGLHTVEGRYYLQICTLLKCKTTNLNTCG DSAETASTR FEMFSLSGTFTGTQYVFPEVLLSENQLAPGEFQVSTDGRL FSLKPTSGPVL TVTLFGRLYEKDWASNASSVDHHHHHH |
| Predicted molecular weight | 53 kDa including tags |
| Amino acids | 22 to 490 |
| Tags | His tag N-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab152005** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
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| Applications | SDS-PAGE |
| | HPLC |
| Form | Lyophilized |
| Additional notes | This product was previously labelled as VNN1 |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Store at -80°C. |
| | pH: 7.20 |
| | Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride |
| Reconstitution | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |

General Info

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| Function | Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine. |
| Tissue specificity | Widely expressed with higher expression in spleen, kidney and blood. Overexpressed in lesional psoriatic skin. |
| Sequence similarities | Belongs to the CN hydrolase family. BTD/VNN subfamily. Contains 1 CN hydrolase domain. |
| Cellular localization | Cell membrane. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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