Recombinant Human VAT1L, His-tagged

Cat. No. VAT1L-26701TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-419 of Human KIAA1576 with N terminal His tag; Predicted MWt 47 kDa.
Species	Human
Source	E.coli
ProteinLength	1-419 a.a.
Description	KIAA1576 belongs to the zinc-containing alcohol dehydrogenase family; Quinone oxidoreductase subfamily.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 98 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MAKEGVEKAEETEQMIEKEAGKEPAEGGGGDGSHRLGDAQ EMRAVVLAGFGGLN KLRLFRKAMPEPQDGELKIRVKAC GLNFIDLMVRQGNIDNPPKTPLVPGFECSGIVE ALGDS VKGYEIGDRVMAFVNYNAWAEVVCTPVEFVYKIPDDMS FSEAAAFPMNFV TAYVMLFEVANLREGMSVLVHSAGGGVG QAVAQLCSTVPNVTVFGTASTFKHEAIK

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	DSVTHLFDRN ADYVQEVKRISAEGVDIVLDCLCGDNTGKGLSLLKPLG TYILYGSSN MVTGETKSFFSFAKSWWQVEKVNPIKLYE ENKVIAGFSLLNLLFKQGRAGLIRGVVE KLIGLYNQKK IKPVVDSLWALEEVKEAMQRIHDRGNIGKLILDVEKTPTP LMANDST ETSEAGEEEEDHEGDSENKERMPFIQ
Sequence Similarities	Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.
Full Length	Full L.

GENE INFORMATION

Gene Name	VAT1L vesicle amine transport protein 1 homolog (T. californica)-like [Homo sapiens]
Official Symbol	VAT1L
Synonyms	VAT1L; vesicle amine transport protein 1 homolog (T. californica)-like; synaptic vesicle membrane protein VAT-1 homolog-like; KIAA1576;
Gene ID	57687
mRNA Refseq	NM_020927
Protein Refseq	NP_065978
Uniprot ID	Q9HCJ6
Chromosome Location	16q23.1

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Function	nucleotide binding; oxidoreductase activity; zinc ion binding;

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