

Recombinant Human VKORC1 Protein, His-tagged

Cat. No. VKORC1-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VKORC1 Protein(1-60 aa), fused with N-terminal His Tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-60 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MGSTWGSPGWVRLALCLTGLVLSLYALHVKAARARDRDYRALCDVGTAISCSRVFS SRWG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	VKORC1 vitamin K epoxide reductase complex, subunit 1 [Homo sapiens]
Official Symbol	VKORC1
Synonyms	VKORC1; vitamin K epoxide reductase complex, subunit 1; vitamin K dependent clotting factors deficiency 2 , VKCFD2; vitamin K epoxide reductase complex subunit 1; phyloquinone epoxide reductase; vitamin K1 2,3-epoxide reductase subunit 1; vitamin K dependent clotting factors deficiency 2; vitamin K1 epoxide reductase (warfarin-sensitive); VKOR; MST134; MST576; VKCFD2; EDTP308; IMAGE3455200; MGC2694; FLJ00289;
Gene ID	79001
mRNA Refseq	NM_024006
Protein Refseq	NP_076869
MIM	608547
UniProt ID	Q9BQB6

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