

Recombinant Human SV2A protein, His-tagged

Cat. No. SV2A-130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COX2 protein(377-604 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	377-604 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, 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.

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AA Sequence

LPDTFQIHDQKYNYYQQFIYNNLSILLEHGITQFVESFTRQIAGRVAGGRNVPPAVQKVS
 QASIDQSRQMKYQSFNEYRKRFMLKPYESFEELTGEKEMSAELEALYGDIDAVELYP
 ALLVEKPRPDAlFGETMVEVGAPFSLKGLMGNVICSPAYWKPSTFGGEVGFQIINTA
 SIQSLICNNVKGCPFTSFSVPDPELIKTVTINASSSRSGLDDINPTVLLKERSTEL

GENE INFORMATION

Gene Name MT-CO2 mitochondrially encoded cytochrome c oxidase II [Homo sapiens (human)]

Official Symbol MT-CO2

Synonyms COX2; MT-CO2; COII; COXII; MTCO2

Gene ID 4513

UniProt ID P00403

SDS-PAGE

