

Recombinant Human ECD protein, His-tagged

Cat. No. ECD-3338H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECD protein(378-641 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	378-641 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. The elution buffer contain 300mM imidazole.
AA Sequence	LAMSPGEEILTLLQTIPFDIEDLKKEAANLPPEDDDQWDLSPDQLDQLLQEAVGKKE SESVSKEEKEQNYDLTEVSESMKAFISKVSTHKGAELEPRESEAPITFDADSFLNYFD KILGPRPNESDSDLDLDEDFECLDSDDDLDFETHEPGEEASLKGTLNLSYMAQM DQELAHTCISKSFTRNQVEPVSTTDNNSDEEDSGTGESVMPVDVDLNLVSNILE SYSSQAGLAGPASNLLQSMGVQLPDNTDHRPTSKP
Purity	95%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ECD ecdysoneless homolog (Drosophila) [Homo sapiens]
Official Symbol	ECD
Synonyms	ECD; ecdysoneless homolog (Drosophila); protein SGT1; GCR2; hSGT1; suppressor of GCR2; protein ecdysoneless homolog; suppressor of S. cerevisiae gcr2; HSGT1;
Gene ID	11319
mRNA Refseq	NM_001135752
Protein Refseq	NP_001129224
UniProt ID	O95905

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