

Recombinant Human ECD protein(Met1-Thr621), His&GST-tagged

Cat. No. ECD-1317H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECD (O95905-1) (Met1-Thr621) was expressed in Insect Cells with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Thr621
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human ECD/GST chimera consists of 881 amino acids and has a calculated molecular mass of 100.6 kDa. The recombinant protein migRates as an approximately 88-108 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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