

**PRODUCT INFORMATION**

<b>Target</b>	CAT1
<b>Synonyms</b>	ATRC1; CAT-1; ERR; HCAT1; REC1L
<b>Description</b>	Recombinant protein of human solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 (SLC7A1)
<b>Delivery</b>	2-3 weeks
<b>Uniprot ID</b>	P30825
<b>Expression Host</b>	HEK293T
<b>Tag</b>	C-Myc/DDK
<b>Molecular Characterization</b>	N/A
<b>Molecular Weight</b>	67.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Formulation &amp; Reconstitution</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
<b>Storage &amp; Shipping</b>	Store at -80°C.
<b>Background</b>	High-affinity, low capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine) in non-hepatic tissues.[UniProtKB/Swiss-Prot Function]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

