

## Product datasheet for **RC223640**

### GGT1 (NM\_013430) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GGT1 (NM_013430) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GGT1
Synonyms:	CD224; D22S672; D22S732; GGT; GGT 1; GGTD; GTG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



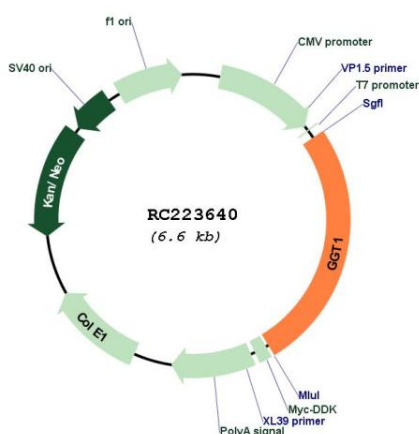
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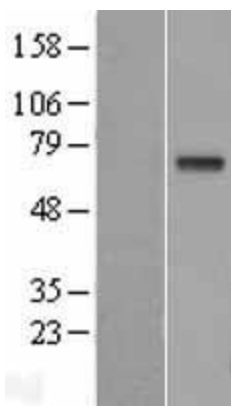


<b>Domains:</b>	G_glu_transpept
<b>Protein Families:</b>	Protease, Transmembrane
<b>Protein Pathways:</b>	Arachidonic acid metabolism, Cyanoamino acid metabolism, Glutathione metabolism, Metabolic pathways, Selenoamino acid metabolism, Taurine and hypotaurine metabolism
<b>MW:</b>	61.4 kDa
<b>Gene Summary:</b>	The enzyme encoded by this gene is a type I gamma-glutamyltransferase that catalyzes the transfer of the glutamyl moiety of glutathione to a variety of amino acids and dipeptide acceptors. The enzyme is composed of a heavy chain and a light chain, which are derived from a single precursor protein. It is expressed in tissues involved in absorption and secretion and may contribute to the etiology of diabetes and other metabolic disorders. Multiple alternatively spliced variants have been identified. There are a number of related genes present on chromosomes 20 and 22, and putative pseudogenes for this gene on chromosomes 2, 13, and 22. [provided by RefSeq, Jan 2014]

### Product images:



Circular map for RC223640



Western blot validation of overexpression lysate (Cat# [LY415599]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223640 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).