

## Product datasheet for **TP725056**

### Cynomolgus Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cynomolgus ROR1 (C-His)
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	Ser25-Tyr392
Tag:	C-6His
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Cynomolgus ROR1 is produced by our Mammalian expression system and the target gene encoding Ser25-Tyr392 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	ROR1, also known as neurotrophic tyrosine kinase receptor-related 1 (NTRKR1), is a type I transmembrane protein that belongs to the ROR family within receptor tyrosine kinases superfamily. ROR1 is expressed at high levels during early embryonic development. Isoform Short is highly expressed in fetal and adult CNS and various human cancers, including those originating from CNS or PNS neuroectoderm. ROR1 is found to play important roles in developmental morphogenesis by acting as receptors or co-receptors to regulate Wnt5a-induced signaling. ROR1 could interact with casein kinase 1 epsilon to activate phosphoinositide 3-kinase-mediated AKT phosphorylation and cAMP-response-element-binding protein, which links to enhanced tumor-cell growth.



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