

Active Recombinant Human ROS1 Protein, G2032R, L2086F, GST tagged

Cat. No. ROS1-15H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ROS, cytoplasmic domain [1883-2347(end) amino acids and G2032R/L2086F of accession number NP_002935.2] was expressed as N-terminal GST-fusion protein (79 kDa) using baculovirus expression system. GST-ROS[G2032R/L2086F] was purified by using glutathione sepharose chromatography.
Species	Human
Source	Insect Cells
ProteinLength	1883-2347 aa
Description	This proto-oncogene, highly-expressed in a variety of tumor cell lines, belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. The protein encoded by this gene is a type I integral membrane protein with tyrosine kinase activity. The protein may function as a growth or differentiation factor receptor.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	79 kDa
Storage	Store at -80 centigrade. Avoid repeating freeze-thaws.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Gene Name	ROS1 c-ros oncogene 1, receptor tyrosine kinase [Homo sapiens (human)]
Official Symbol	ROS1
Synonyms	ROS1; c-ros oncogene 1, receptor tyrosine kinase; v ros avian UR2 sarcoma virus oncogene homolog 1, v ros UR2 sarcoma virus oncogene homolog 1 (avian); proto-oncogene tyrosine-protein kinase ROS; c ros 1; MCF3; ROS; proto-oncogene c-Ros; proto-oncogene c-Ros-1; c-Ros receptor tyrosine kinase; receptor tyrosine kinase c-ros oncogene 1; v-ros UR2 sarcoma virus oncogene homolog 1; transmembrane tyrosine-specific protein kinase; v-ros avian UR2 sarcoma virus oncogene homolog 1; c-ros-1;
Gene ID	6098
mRNA Refseq	NM_002944
Protein Refseq	NP_002935
MIM	165020
UniProt ID	P08922

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