

Datasheet for ABIN7607430

Ret Proto-Oncogene Protein (RET) (AA 29-637, F174S) (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Ret Proto-Oncogene (RET)
Protein Characteristics:	AA 29-637, F174S
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Ret Proto-Oncogene protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse RET/c-RET Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Serial dilution of immobilized rmRET/c-RET (Cat #: AMC28901) (100 µL/well) was tested for binding with the GDNF-GFR alpha -1 complex using 4 ng/mL rhGDNF and 1 µg/mL rrGFR alpha -1. The concentration of immobilized RET/c-RET that produces 50% of the optimal binding response is found to be approximately 2-5 µg/mL.

Target Details

Target:	Ret Proto-Oncogene (RET)
Alternative Name:	Proto-oncogene tyrosine-protein kinase receptor Ret (RET Products)
Background:	Proto-oncogene tyrosine-protein kinase receptor Ret, Proto-oncogene c-Ret, Ret
UniProt:	P35546
Pathways:	RTK Signaling , Dopaminergic Neurogenesis , Regulation of Cell Size , Tube Formation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months