

Datasheet for ABIN7607390

STAR Protein (AA 24-430) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	STAR
Protein Characteristics:	AA 24-430
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This STAR protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human GUCY2C/GCC 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:	Immobilized human GUCY2C/GCC (Cat #: AHD65601) at 1 µg/mL (100 µL/well) can bind anti-GUCY2C antibody with a linear range of 1-144 ng/mL.

Target Details

Target:	STAR
Alternative Name:	STAR (STAR Products)

Target Details

Background:	STAR, Intestinal guanylate cyclase, GC-C, GUC2C, STA receptor, Heat-stable enterotoxin receptor, Guanylyl cyclase C, hSTAR, GUCY2C
UniProt:	P25092
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Response to Growth Hormone Stimulus , C21-Steroid Hormone Metabolic Process , Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis

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