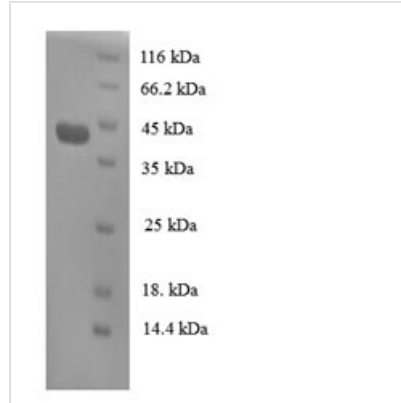




Recombinant Human Regenerating islet-derived protein 3-alpha(REG3A)

Product Code	CSB-EP019548HU
Relevance	Bactericidal C-type lectin which acts exclusively against Gram-positive bacteria and mediates bacterial killing by binding to surface-exposed carbohydrate moieties of peptidoglycan. Regulates keratinocyte proliferation and differentiation after skin injury via activation of EXTL3-PI3K-AKT signaling pathway.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q06141
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Hepatointestinal pancreatic protein ;HIP/PAPHuman proislet peptidePancreatitis-associated protein 1Regenerating islet-derived protein III-alpha ;Reg III-alpha
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	EEPQRELPSARIRCPKGSKAYGSHCYALFLSPKSWTDADLACQKRPSGNLVS VLSGAEGSFVSSLVKSIGNSYSYVWIGLHDPTQGTEPNGEGWEWSSSDVMN YFAWERNPSTISSPGHCASLSRSTAFLRWKDYNCNVRLPYVCKFTD
Research Area	Immunology
Source	E.coli
Gene Names	REG3A
Expression Region	27-175aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	43.6kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.