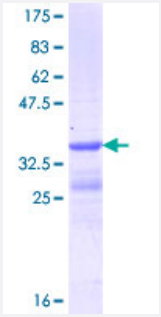
STRC (Human) Recombinant Protein (Q01)

Catalog # H00161497-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human STRC partial ORF (NP_714544.1, 25 a.a. - 108 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	APTGPHSLDPGLSFLKSLLSTLDQAPQGSLSRSRFFTFLANISSSFEPGRMGEGPVGEPPPLQPP ALRLHDFLVTLRGSPDWEP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.98
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — STRC

Entrez GeneID	161497
GeneBank Accession#	NM_153700
Protein Accession#	NP_714544.1
Gene Name	STRC
Gene Alias	DFNB16, MGC156147
Gene Description	stereocilin
Omim ID	603720 606440
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is associated with the hair bundle of the sensory hair cells in the inner ear. The hair bundle is composed of stiff microvilli called stereocilia and is involved with mec hanoreception of sound waves. This gene is part of a tandem duplication on chromosome 15; the second copy is a pseudogene. Mutations in this gene cause autosomal recessive non-syndromic deafness. [provided by RefSeq
Other Designations	-