

Recombinant Human C14orf133, GST-tagged

Cat. No. C14orf133-10385H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C14orf133 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-347a.a.
Description	This gene encodes a protein involved in the sorting of lysosomal proteins. Mutations in this gene are associated with ARCS2 (arthrogryposis, renal dysfunction, and cholestasis-2). Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	C14orf133 chromosome 14 open reading frame 133 [Homo sapiens]
Official Symbol	C14orf133

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Synonyms	C14ORF133; chromosome 14 open reading frame 133; spermatogenesis-defective protein 39 homolog; SPE 39; SPE39; VIPAR; VPS16B; VPS33B interacting protein; apical basolateral polarity regulator; protein spe-39 homolog; VPS33B-interacting protein in polarity and apical restriction; VPS33B interacting protein, apical-basolateral polarity regulator; VPS33B-interacting protein involved in polarity and apical protein restriction; SPE-39; hSPE-39; FLJ12707;
Gene ID	63894
mRNA Refseq	NM_001193314
Protein Refseq	NP_001180243
MIM	613401
UniProt ID	Q9H9C1
Chromosome Location	14q24.3-q31
Function	protein binding;