

Mouse GPA34/VSIG1 Protein

Cat. No. GPA-MM134

Description

Source	Recombinant Mouse GPA34/VSIG1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val23-Glu234.
Accession	Q9D2J4-1
Molecular Weight	The protein has a predicted MW of 24.2 kDa. Due to glycosylation, the protein migrates to 45-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

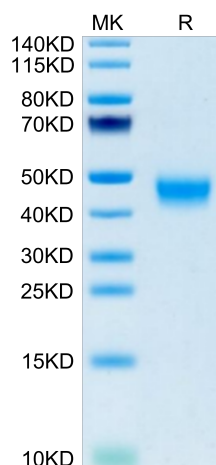
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

VSIG1, a cell adhesion protein of the immunoglobulin superfamily, is preferentially expressed in stomach, testis, and certain gastric, esophageal and ovarian cancers. Here, we describe the expression patterns of three alternatively spliced isoforms of mouse Vsig1 during pre- and postnatal development of stomach and potential function of Vsig1 in differentiation of gastric epithelia. VSIG1 is required for the establishment of glandular versus squamous epithelia in the stomach.

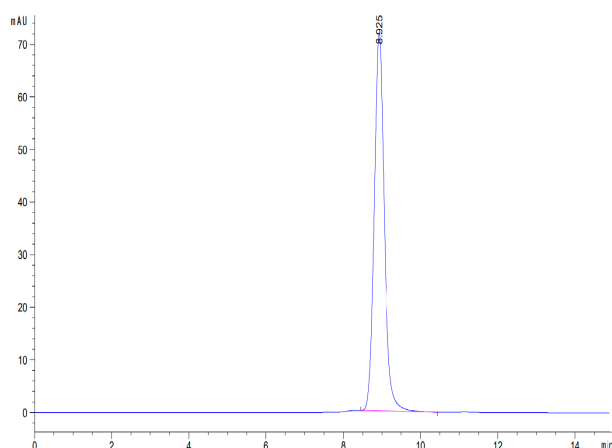
Assay Data

Bis-Tris PAGE



Mouse GPA34 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse GPA34 is greater than 95% as determined by SEC-HPLC.