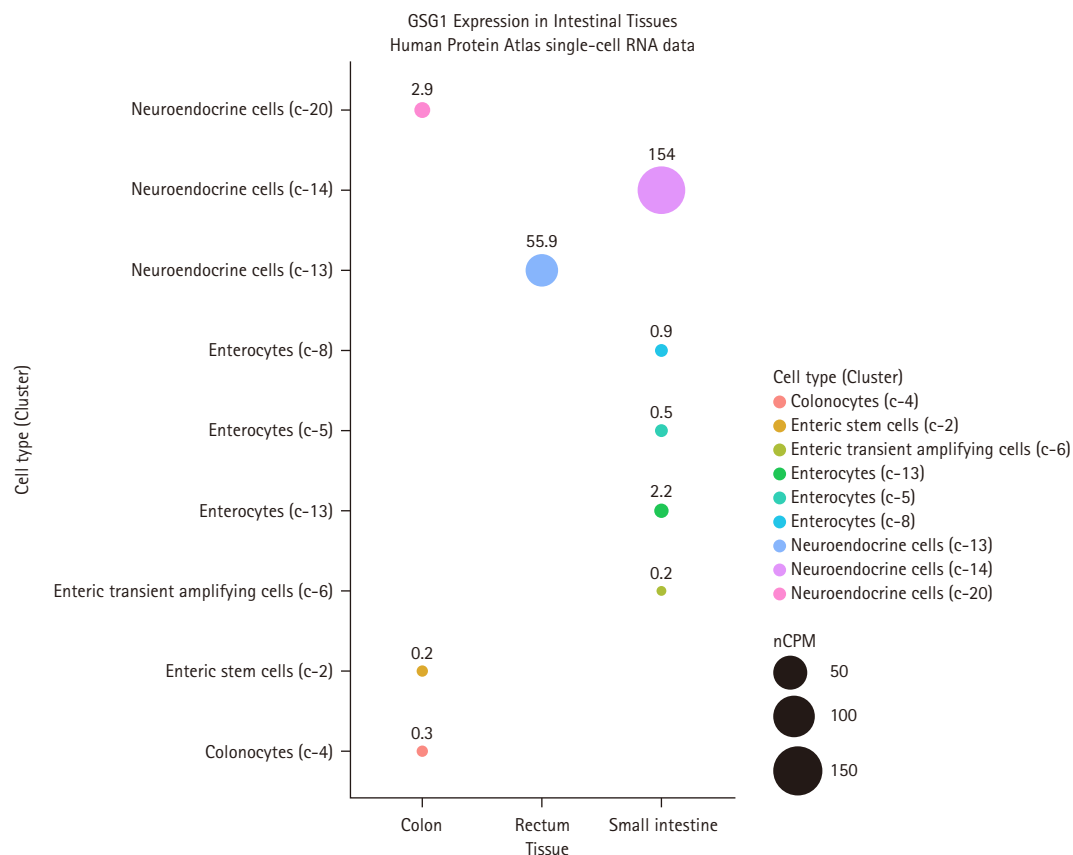




Supplementary Figure 6. GSG1 expression in intestinal tissues from the Human Protein Atlas single-cell RNA dataset. GSG1 expression (nCPM) across cell types in colon, rectum, and small intestine. Dot size represents expression level (nCPM). GSG1 shows predominant expression in neuroendocrine cells, particularly in small intestine (154.0 nCPM) and rectum (55.9 nCPM), with lower expression observed in enterocytes and enteric stem cells. The enriched expression in intestinal neuroendocrine cells is consistent with the axon guidance and neuro-immune interaction pathways identified in CD-specific gene-level enrichment analysis. Data source: Human Protein Atlas (www.proteinatlas.org). nCPM, normalized counts per million; CD, Crohn's disease.