

Recombinant *Gardnerella vaginalis* 5-1 GV51 protein, His-tagged

Cat. No. GV51-3984G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Gardnerella vaginalis</i> 5-1 GV51 protein(D6SZ78)(1-525aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Gardnerella vaginalis</i> 5-1
Source	<i>E. coli</i>
ProteinLength	1-525aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	64.2 kDa
AA Sequence	MKDTFCSYYTNSDEITSYMVNRLEIEENDIILEPSAGEGIFIDQILNSNKMIIQIDALDINA EAIKILNSKYQDLPSITVRETDTLLDERLDLLSSPELWIKQTDTLTLLDEQLNFFGSIGGHY NKVIGNPPYGAWQDYDKRAQLKKKYPGQYVKETYSFLRLRCISLLRNGGRLSFIIPDT YLFLNLHAKLRELLLTSTRIIEITFPSKFFPGVSFGYSNLSIITLERTNKENALNNTVRIV QGFESANEFQLLLNDSQLPDNLSTFFVKQSDVLTNDKHRFILADSSTNAINTALIRLG DVANIVTGFYTGDNKRFIIRAADDSVKGSKNYEKNVPSQIFNCSSLSGIKEVSEGYIPY VKSASKTRYREKDEWFVRWDEDTIEYYNSHPKSRFQNSAFYFKKGVAIPMVKASTI RAFYIKNRVFDQSIVGIFPKDQSKILYVLALMNSDIVNELIHTINPTANNSANYIKQIPYF

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EPPKSVLEKINNKVKHILSLGEKGKITECEKLHSELNHTINELYSNFRK

Purity >85%(SDS-PAGE)**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA