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# Human Trefoil Factor 1-Secreting Lactococcus lactis AG013

National Cancer Institute

## Source

National Cancer Institute. *Human Trefoil Factor 1-Secreting Lactococcus lactis AG013*.  
NCI Thesaurus. Code C84842.

An oral rinse solution containing a strain of the bacteria *Lactococcus lactis* (*L. lactis*) genetically modified to express human Trefoil Factor 1 (hTFF1) with potential cytoprotective activity. With oral rinsing, human trefoil factor 1-secreting *Lactococcus lactis* AG013 may secrete and deliver hTFF1 to oral mucosal tissue, protecting or promoting the healing of damaged oral mucosa. hTFF1, a peptide belonging to the Trefoil factors family (TFF), is normally secreted by mucous epithelia and is involved in protecting mucosal tissue and maintaining mucosal surface integrity.