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Cysteine-Rich Non-Denatured Whey Protein Isolate IMN1207

National Cancer Institute

Source

National Cancer Institute. *Cysteine-Rich Non-Denatured Whey Protein Isolate IMN1207*.
NCI Thesaurus. Code C73336.

A biologically active, cysteine-rich, undenatured, bovine whey-based protein isolate with potential anti-cachexia and glutathione-enhancing properties. Upon administration of cysteine-rich whey protein isolate, cystine and glutamylcystine are taken up by cells and release free cysteine. The available cysteine allows cells to synthesize glutathione (GSH), a tripeptide made from amino acids glycine, glutamate and cysteine, thereby maintaining and increasing intracellular GSH concentrations. GSH plays a major role as an antioxidant, thereby protecting cells from oxidative damage due to harmful substances such as free radicals and reactive oxygen compounds. As IMN 1207 is rich in protein, this agent may prevent weight loss and increase body weight and strength.