



Think of the genome as being like a cookbook. The genes are

like recipes. Each cell has the entire cookbook (genome). However, just as different luncheon and dinner events call for specific foods, gene expression is specific for the cell type and for cell's need to adjust to environmental demands. Just as a chef might use sticky notes to remind him of how many servings of which recipes to make for a particular banquet, the cell uses epigenetic "sticky notes" to regulate gene expression.