

HUMANKINE® 人源蛋白溶解液

蛋白溶解液种类

1. 无菌水
2. 无菌 1 × PBS
3. 无菌 4 mM 盐酸
4. 无菌 10 mM 醋酸
5. 无菌 20% 乙醇 + 50 mM 醋酸钠 + 75 mM 醋酸

备注：选择何种蛋白溶解液请参照具体蛋白产品说明书。

蛋白溶解液说明

1. 1 × PBS 磷酸缓冲液（无菌）配方：154 mM NaCl, 1 mM KH_2PO_4 , 5.58 mM Na_2HPO_4 的水溶液。

保存条件：pH 稳定在 7.2-7.4 室温可存放一个月，4℃可存放三个月，-20℃可存放两年。

如存放 4℃或 -20℃有晶体析出，请平衡至室温搅拌使其充分溶解再使用。

2. 无菌 4 mM 盐酸
无菌 10 mM 醋酸
无菌 20% 乙醇 + 50 mM 醋酸钠 + 75 mM 醋酸

备注：这三类蛋白溶解液均含有挥发性成分，**建议新鲜配制**，不建议长期保存。

注意事项

1. 本产品无菌，能进行无菌操作实验。本产品不含防腐剂，使用过程中注意避免溶液被微生物污染，用后立即盖好瓶盖。如存放过程中出现浑浊不溶成份请勿使用。
2. 1 × PBS 磷酸缓冲液（无菌）含有较低浓度磷酸盐，使用过程中应避免二价或三价金属离子，否则可能会形成磷酸盐沉淀。
3. 不能用涡旋仪进行快速振荡，一般用移液枪的枪头轻吹几下，即可使细胞因子或重组蛋白完全溶解。有些不易溶解或是溶解缓慢的蛋白质，可以将其放置于水平摇床上低速摇一段时间，或是将重悬液在 4℃静置 2 小时以上。对于不易溶解的细胞因子，请参考说明书的溶解方法。
4. **本蛋白溶解液均不含蛋白保护剂**，如要长期保存，建议在终浓度为 0.1% HSA 或 BSA(无内毒素) 保护液中进行保存。

需要更多技术资料 and 原始数据，请联系

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HUMANKINE® Protein Reconstitution Buffer

Types of Protein Reconstitution Buffer

1. Sterile water
2. Sterile 1 × PBS
3. Sterile 4 mM HCl
4. Sterile 10 mM acetic acid
5. Sterile 20% ethanol + 50 mM sodium acetate + 75 mM acetic acid

Note: Select the Reconstitution buffer based on the datasheet of each protein.

Product Description

1. 1 × PBS phosphate buffer (sterile) formulation: 154 mM NaCl, 1mM KH_2PO_4 , 5.58mM Na_2HPO_4 aqueous solution.

Storage: pH 7.2-7.4, stable for one month at room temperature, three months at 4 °C , two years at -20°C .

If crystals have formed at 4 °C or -20 °C , please balance to room temperature, stir until all the crystals are completely dissolved before use.

2. Sterile 4 mM HCl
Sterile 10 mM acetic acid
Sterile 20% ethanol + 50 mM sodium acetate + 75 mM acetic acid

Note: All these three protein reconstitution buffers **should be prepared freshly** due to containing of volatile components, long-term storage is not recommended.

Notice

1. This product is sterile and can be used in aseptic experiments. This product is preservative-free, please avoid microbial contamination, screw the cap tight immediately after use. Do not use if turbid insoluble component appears during storage.
2. 1 × PBS phosphate buffer (sterile) contains a lower concentration of phosphate. Bivalent or trivalent metal ions should be avoided during use, otherwise phosphate precipitates may form.
3. Do not vortex. Cytokines or recombinant proteins can be completely dissolved by gently pipetting several times. For insoluble or slow dissolving proteins, shake slowly on a shaker or standing the reconstitution solution for at least 2 hours at 4 °C . For insoluble cytokines, please refer datasheet.
4. **This product is free of protein protectant**, if long-term storage is needed, it is recommended to be stored at protective solution of 0.1% HSA or BSA (endotoxin-free).

For technical support and original validation data for this product please contact:

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