

## SECTION 1 - Product and Company Information

**Product Name :** MAPK4 (Human) Recombinant Protein (Q01) (Cat # : H00005596-Q01)  
**Company :** Abnova (Taiwan) Corporation  
**Address :** 9th Fl., No.108, Jhouzih St., Neihu District, Taipei City, 114 Taiwan.  
**Telephone :** +886-2-87511888  
**Fax :** +886-2-87511166

## SECTION 2 - Composition/Information on Ingredient

This product is supplied in 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0, and do not contain any known hazard ingredient.

## SECTION 3 - Hazards Identification

Although this product does not contain any known hazard ingredients, usual precautions are to be taken when handling.

## SECTION 4 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.  
**Ingestion:** Seek Medical Advice

## SECTION 5 - Fire Fighting Measures

**Fire Extinguisher Type:** No restriction known

## SECTION 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.  
**Spills/Leaks:** Dilute spilled substance with plenty of water and absorb

## SECTION 7 - Handling and Storage

**Handling:** Follow Good Industrial Hygiene practices in handling. Avoid contact with eyes, skin, and clothing. Avoid ingestion.

## SECTION 8 - Exposure Controls

**Skin:** Wear appropriate protective gloves to prevent skin exposure.  
**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

## SECTION 9 - Physical and Chemical Properties

**Appearance:** Clear solution, and odorless  
**pH:** 8.0  
**Boiling point:** 100 C  
**Vapor density:** Not available  
**Vapor pressure:** Not available  
**Density (g cm-3):** Not available  
**Flash point:** Not available  
**Explosion limits:** Not available  
**Auto ignition temperature:** Not available

## SECTION 10 - Stability and Reactivity

**Chemical Stability:** Not available  
**Incompatibilities with Other Materials:** Not available  
**Hazardous Polymerization:** Not available

---

## **SECTION 11 - Toxicological Information**

No information found

## **SECTION 12 - Ecological Information**

No information found

## **SECTION 13 - Disposal Considerations**

**Waste Disposal Route:** Dispose according to local, state and federal regulations

## **SECTION 14 - Transport Information**

No information.

## **SECTION 15 - Regulatory Information**

No information.

## **SECTION 16 - Other Information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Abnova shall not be held liable for any damage resulting from handling or from contact with the above product.