

## RH-Polypeptide 60 (Mn-SOD)

**Product Name : RH-Polypeptide 60(Mn-SOD)**

**Alternative Name : Superoxide dismutase 2 (SOD2)**

**Maker : HAPPY-CALL CO.,LTD.**

**Mol. Wt : 21kDa**

**Resources : *Escherichia coli (E.coli)***

**Specific activity :  $\geq 1,000$  unit/mg protein (Determined by HAPPY-CALL CO.,LTD.**

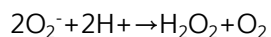
**According to Enzo SOD activity assay kit(ADI-900-157))**

**Storage condition : 4°C in dark place**

**Storage duration : 1 years**

### **Description :**

Superoxide Dismutase referred to as SOD is a kind of protease which contains in aerobio organisms (including humans) to clear away the body of superoxide radicals, it can catalyze superoxide anion radicals Catalytic occur disproportionation reaction:



Superoxide radicals within accumulation of the biological organism is recognized as an important factor in aging and inflammatory responses .the SOD content and activity existed in living organisms will decrease with age.so that the body of superoxide radicals continue to produce and accumulate. The increase of free radicals in skin have serious effects in collagen fibers , reticular fibers , elastic fibers and blood vessels, sebaceous glands, sweat glands, Especially have strong oxidizing damage in skin tissue would biological macromolecules、 proteins、 nucleic acids、 hyaluronic acid、 sugar class and fat, making the physical structure of skin tissue damages, metabolic disorders, nutrient absorption blocks, eventually led to the aging of the skin. Skin tissue surface also can be effected by free radicals which generate by radiation, making the skin melanin oxidation, making color becoming darker.

The complement skin tissue of SOD can effectively remove free radicals、 inhibit the oxidation、 adjust the oxidative metabolism of skin tissues、 anti-aging、 anti-wrinkle、 eliminate inflammation and eradicate skin spot、 desalt spot and pigmentation and whitening effect.

**IMPORTANT: All information provided is believed to be complete. Persons using this information should make their own determination regarding its suitability for their particular application.**

HAPPYCALL CO., LTD

happycallkr@naver.com

TEL:+82)031-908-2534 FAX:+82)031-908-2535

Room#501 , Uni-techvil 142 Ilsan-ro,

Ilsandong-gu, Goyang-si, Gyeonggi-do, 10442, Korea